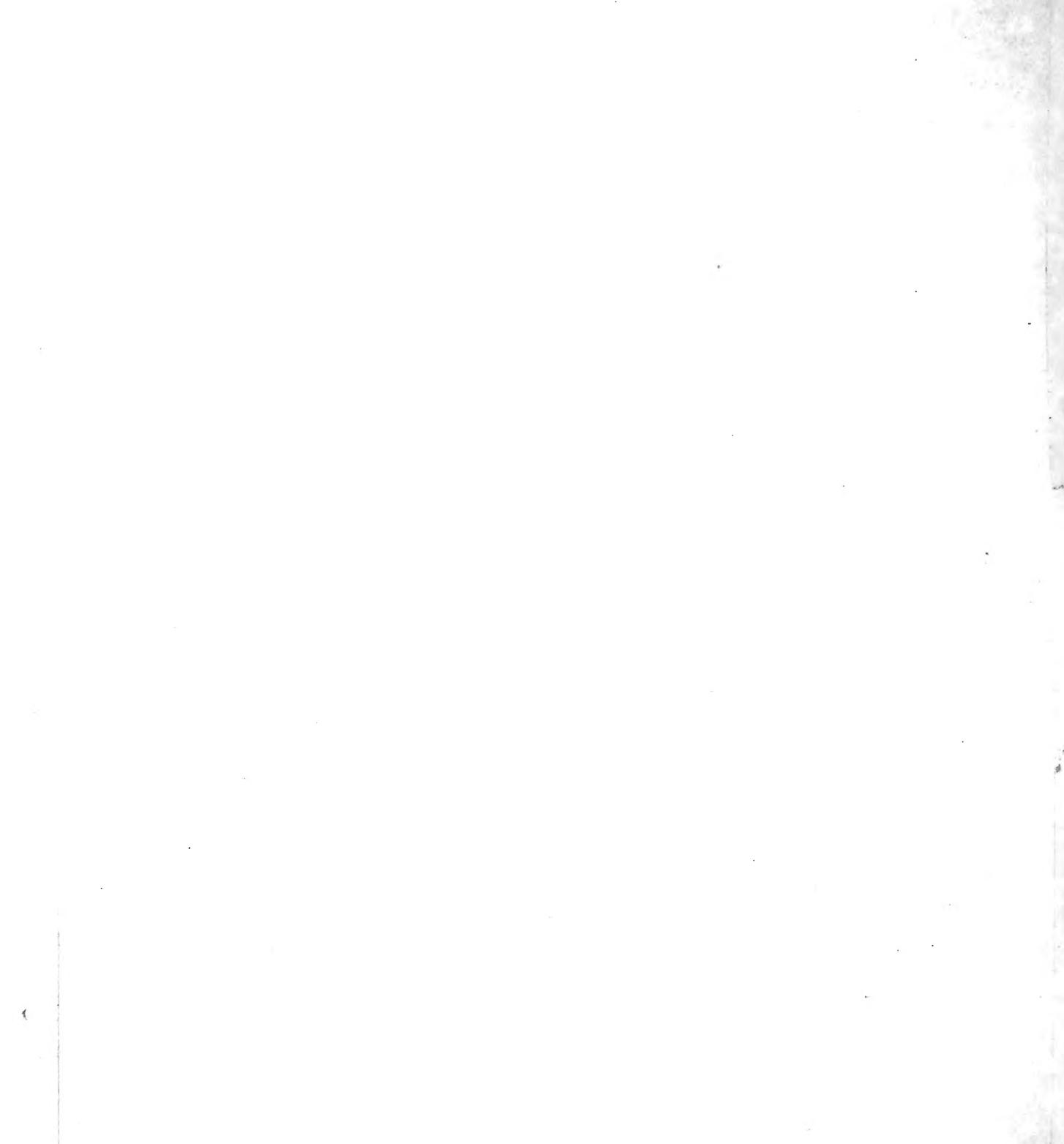


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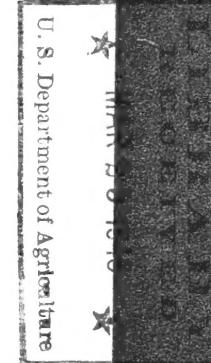
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FORBES SEEDS

1898 • For Best Seeds For Fifty Years • 1948



LAWN GRASS SEED—FERTILIZERS
VEGETABLE SEEDS and PLANTS
FLOWER SEEDS, BULBS and PLANTS
POT-GROWN PERENNIAL PLANTS
ROSES and HARDY VINES in POTS
CHRYSANTHEMUMS—STRAWBERRIES
INSECTICIDES—WEED KILLERS
HUMUS, PEAT MOSS, GARDEN TOOLS

ALEXANDER FORBES & CO.
SEEDSMEN • 487 Washington St., Newark 2, N. J.

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SALES GARDEN AND FIELD STORE ON ROUTE 10, HANOVER, N. J.
ABOUT ONE MILE WEST OF THE LIVINGSTON TRAFFIC CIRCLE

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Make a Freedom Garden This Year

Join the patriotic move to grow more vegetables during 1948. The government has asked for twenty million Freedom Gardens to meet the urgent need for more food. Plan to do your part. Growing vegetables is interesting and healthful, too, besides supplying nourishing fresh food at little cost. But most important these days, perhaps, is the security you'll derive from having an important part of your food supply right in your own garden. That may be worth a great deal.

1898 - *Forbes Seeds* - 1948

For Fifty Years — Forbes Seeds for Best Seeds

The year 1948 marks half a century of Forbes Seed Service. From a small beginning in 1898 our reputation for dependable seeds has grown so that today Forbes Seeds are used by particular home gardeners in every state of the Union.

Through all these 50 years our ideal has remained unchanged —to supply at fair prices only seeds of those strains proved to be the best. This sound, conservative policy has, in large measure, insured your garden success year after year.

We feel honored that some few of our present customers have used Forbes Seeds through *all* of these fifty years. But we are really happy that hundreds of others have depended on Forbes Seeds through more than thirty years. And most of these, in turn, have influenced thousands of others to place their confidence in us.

For this good-will we are truly grateful. It encourages us to start the second half of the century with firm determination to uphold our high standard of quality. It is our aim at all times to fully deserve your continued confidence through the coming years.

Sincerely yours
ALEXANDER FORBES & CO.

Alexander Forbes
President

See helpful Charts
inside back cover

Do you like Giant Pansies? These, the huge richly hued varieties, bloom successively right through to fall. See our nice assortment of Engelmann's Giants, de luxe Super Swiss Giants, and Maple Leaved Giants in the spring.

INDEX

Page	Page
Asparagus Roots.....42	Flower Plants Annual (in flats and pots) 42-43
Bulbs, Summer-flg. 38-40	Flower Plants, Peren-
Chrysanthemums.....41	nial (in pots)47-52
Clovers.....36,37	Flower Seed, Annual 8-27
Daffodil Bulbs.....54	Flower Seed, Peren. 28-35
Dahlias.....39	Gladiolus.....40
Delivery Area.....56	Grasses, Individual.....37
Display Finding List .. (Tulips, Daffodils) 54,55	Insecticides.....53
Fertilizers.....56	Lawn Seed.....36,37
Field Seeds.....37	Lilies, Hardy.....39

Page
Onion Sets.....5
Pansy Plants.....43
Peonies.....40
Perennial Plants.....47-52
Rhubarb Roots.....42
Roses (in pots).....44,45
Strawberry Plants.....43
Tulip Bulbs.....54,55
Vegetable Plants.....42
Vegetable Seeds.....1-7
Vines, Hardy (in pots).46

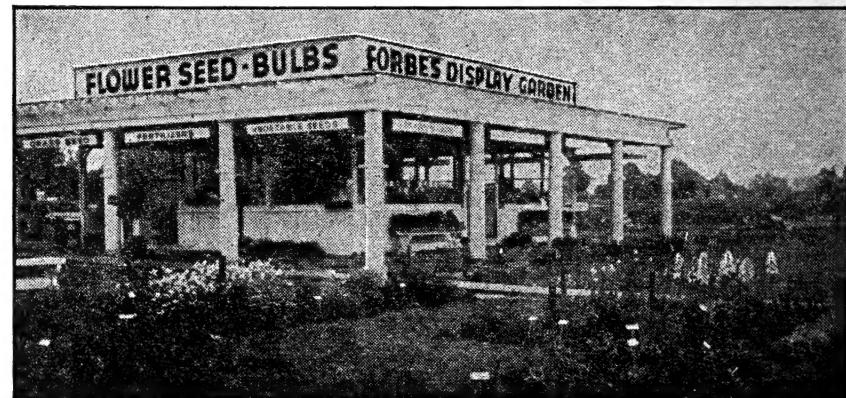
Stop at . . . FORBES SALES GARDEN on Route 10, Hanover, N. J.

(one mile west of the Livingston Traffic Circle)

There our field store, pictured below, is open from March 1 to December 1. With one stop you will find the best in

Vegetable Seeds, Vegetable Plants,
Flower Seeds, Annual Flower Plants,
Perennial Flower Plants (in pots),
Roses and Hardy Vines (in pots),
Garden Chrysanthemums (in pots),
Strawberry Plants, Asparagus Roots,
Summer-flowering Bulbs, Lawn Seeds,
Fertilizers, Humus and Peat Moss,
Insecticides, Weed Killers, Tools,
and many other Garden Needs

Our displays of Daffodils (40 varieties) are worth seeing during April and our Tulips (131 kinds) in April and May. You are welcome whenever you may be passing.



FORBES VEGETABLE SEEDS

*A selection of strains, some old and some new,
but all are today's best*

With a world food shortage this year, you'll be wise to grow your own vegetables. It's interesting and healthful, too, not to speak of the supply of nourishing food at little cost. But it's not all fun. To succeed use good soil in the sun, plan well, and carefully select your varieties. Keep your crops free from weeds and well cultivated. But most important of all, plant the best seeds, for good vegetables do not grow from poor seeds.

Since 1898 Forbes Seeds have been used in huge quantities by the farmers who grow the vegetables you buy at your vegetable store. Use these same Forbes Seeds in your *own* garden.

ASPARAGUS One ounce will produce 300 plants

Pkt. 10c; oz. 30c

For heavy yields in May and June each year keep the soil fertile. Don't cut stalks until the third year.

Mary Washington Rustproof. Large, vigorous, straight, dark green shoots tinged with purple, of extra fine quality. Immune to asparagus rust. Grow roots in close rows, and transplant the next year to the prepared bed.

BEANS

Dust or spray the underside of leaves each week with rotenone before the bean beetles get started.

DWARF GREEN-PODDED BEANS One pound sows 100 ft.

All, pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 55c; 5 lbs. \$2.25
Limited plantings every 10 to 14 days from May to August will provide fresh beans all season.

Black Valentine Stringless. (53 days.) Medium-sized plants with a large yield of nearly straight, 6-inch, green pods of rounded cross section. These are entirely stringless and tender. Does best in a rather heavy soil.

Bountiful. (48 days.) The heaviest yielding flat-podded variety with sturdy bushes and light green, somewhat curved, $6\frac{1}{2}$ -inch stringless pods, in clusters which are easy to pick. Thrives in any garden soil.

Dwarf Horticultural. (54 days.) Grown either for snapbeans or for shelling green, this produces a large number of nearly stringless, slightly curved, 5-inch round pods of deep green turning to yellow speckled with carmine blotches.

Longreen (Tendergreen Long Pod). (52 days.) Strong, prolific bushes with round, straight, deep green, 7-inch pods of extra fine quality and absolutely stringless. It has replaced Tendergreen as Longgreen pods are one inch longer.

Plentiful. (50 days.) Vigorous, highly productive, large bushes with dark green, flat, straight, $6\frac{1}{2}$ -inch pods which are entirely stringless and of fine quality. Resistant to bean rust but not the best for canning.

DWARF WAX-PODDED BEANS One pound sows 100 ft.

All, pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 55c; 5 lbs. \$2.25
Cultivate beans only when the plants are dry. For best quality pick before they reach full size.

Sure Crop Wax. (53 days.) Straight, flat, deep yellow, $6\frac{1}{2}$ -inch pods, brittle and stringless, in great numbers on large, vigorous bushes. These beans are highly rust-resistant and of extra fine quality and flavor.

Unrivalled Wax. (50 days.) The plants are medium-sized and bear enormous early crops of translucent, pale yellow, half round, slim, slightly curved, $5\frac{1}{2}$ -inch pods of extra fine flavor and tenderness.

GREEN POLE BEANS One pound will plant 100 hills

Pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 55c; 5 lbs. \$2.25
For hills, set rough 7-foot poles every 2 or 3 feet and plant 6 beans around each, thinning to 3 plants.

Kentucky Wonder. (65 days.) The round, light green, deeply creased pods, 7 to 9 inches long are stringless when young and of high quality. The vines are very vigorous and produce heavily throughout the season.

BUSH LIMA BEANS One pound will plant 100 feet

Each, pkt. 15c; $\frac{1}{2}$ lb. 40c; lb. 70c; 5 lbs. \$3
Plant 2 or 3 seeds, with eye down, every 10 inches in the row and later thin to one plant.

Baby Fordhook. (66 days.) Erect, branching, vigorous, 18-inch plants with a large yield of $2\frac{1}{2}$ -inch pods each holding 3 or 4 small plump green limas of fine flavor and quality. Excellent for both canning and freezing.

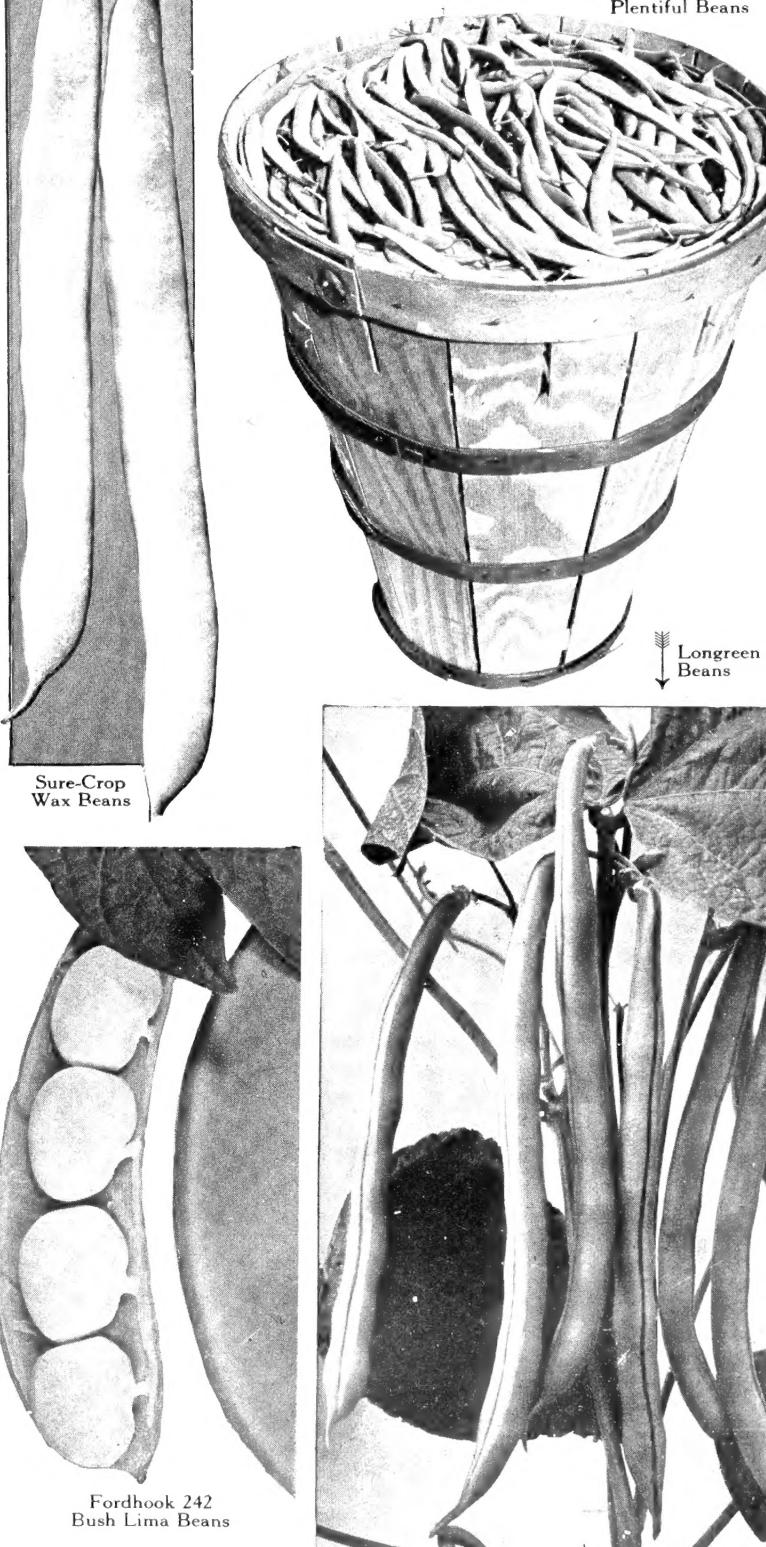
Fordhook 242. (75 days.) Somewhat spreading well foliated plants with a heavy yield of $3\frac{1}{2}$ to 4-inch, uniform, slightly curved pods, each holding 3 to 4 light green beans of excellent quality. Sets well even in hot weather.

POLE LIMA BEANS One pound will plant 100 hills

Each, pkt. 15c; $\frac{1}{2}$ lb. 40c; lb. 70c; 5 lbs. \$3
These yield more limas than the bush varieties in the same space but are later in maturing.

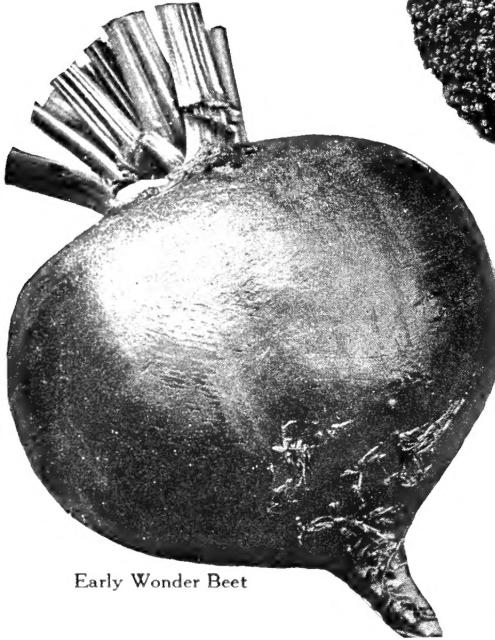
Challenger. (92 days.) Vigorous, productive vines that climb well. The straight, smooth, 4 to 5-inch pods, in great number, contain 4 to 6 large, thick beans of light green color. They are of good flavor and quality.

King of the Garden. (88 days.) The extra large pods, produced in great abundance through the season, are broad, flat, smooth, 6 inches long and hold 4 to 5 large, flat, greenish white beans of excellent quality.

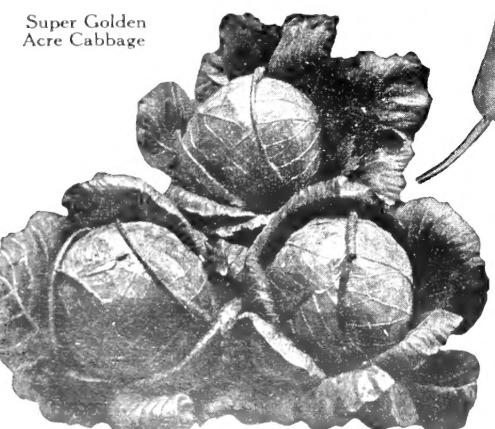




Italian Green Sprouting
Calabresi Broccoli



Early Wonder Beet



Super Golden
Acre Cabbage



Nantes XXX Carrot

BEETS *One ounce will sow 50 feet*

Each, pkt. 10c; oz. 25c; 1/4lb. 65c; lb. \$1.75
Sow April 1st and May 1st. For fall, and winter storage sow June and July. Use when 1 1/4 inches across.

Detroit Dark Red. (63 days.) Smooth, uniform, globe roots with small tap root. As the red-veined, green tops hold well in hot weather, use it for late summer and fall crop. Dark red flesh is sweet and tender.

Early Wonder. (58 days.) The best for early planting with small tops and smooth slightly flattened-globe roots of great uniformity. The flesh is deep purplish-red, sweet and of excellent quality.

BROCCOLI *1/4 ounce will produce 500 plants*

Pkt. 15c; 1/4oz. 30c; oz. 90c

Seed started indoors in March and outdoors in early July gives a long cutting season up to killing frost.

Italian Green Sprouting Calabresi. (60 days from plants.) After cutting the center head of tight, blue-green flower buds, the 2 1/2-foot plants throw side branches with smaller heads. All are tender and of very delicate flavor.

BRUSSELS SPROUTS *1/4 ounce will produce 60 plants*

Pkt. 15c; 1/4oz. 40c; oz. \$1.25

Cut lower leaf stalks off when sprouts start forming at their base. Frost greatly improves their flavor.

Long Island Half Dwarf. (85 days from plants.) The 20-inch plants bear a succession of many small, firm, cabbage-like heads at its base. The sprouts are fine when 1 1/2 inches across. The fall crop is best.

CABBAGE *1/4 ounce will produce 500 plants*

All, pkt. 10c; 1/4oz. 30c; oz. 90c

For cabbage at its best grow it in your garden. When fresh it is more tender and milder in flavor.

Golden Acre, Super. (66 days from plants.) The firm, round 5-inch heads are very uniform. As the plants are compact space them a foot apart in row. This is the best of all the early varieties.

Marion Market. (75 days from plants.) This, started with Golden Acre Super, lengthens the cabbage season. The plants, spaced 15 inches apart, will form round, deep, solid 6-inch heads of extra quality.

Danish Roundhead, Short Stem. (100 days from plants.) For kraut and winter storage, this is unexcelled. The flattened-globe shaped, hard, 7 1/2-inch heads keep well. Space the plants 2 feet apart.

Perfection Drumhead Savoy. (88 days from plants.) Medium, compact plants with crimped or savoyed, olive green leaves. The 8-inch heads are rounded and firm. The finest flavored of all cabbages. Space 18 inches apart.

Red Acre. (74 days from plants.) The plants, small, compact, and short-stemmed, can be spaced 15 inches apart. The very hard, deep red, round, 7-inch heads are uniform in shape and color. This is the earliest red variety.

CARDOON *1/4 ounce will produce 100 plants*

Pkt. 15c; 1/4oz. 35c; oz. 90c

The blanched, fleshy leaf stalks are tender when cooked for winter use. Space plants 18 inches apart.

Spanish. (5 months.) Sow in May; transplant to rows 3 feet apart. In fall blanch by tying up the gray-green leaves.

CARROTS *One ounce will sow 100 feet*

All, pkt. 10c; oz. 35c; 1/4lb. \$1

If you do not have a sandy loam mix sharp sand through the soil, 8 inches deep, in your carrot rows.

Chantenay Half-Long. (70 days.) Deep red-orange, tapered roots, 5 1/2 inches long, 2 1/4 inches across at the top and stump-rooted. The flesh is fine grained and nicely flavored. Use this if your soil is not deep.

Chantenay Long. (70 days.) Like Chantenay Half-Long in all respects except that the tops are shorter and the roots 6 1/2 to 7 inches long. This yields more carrot per row. Fine to sow in July for winter storage.

Imperator. (77 days.) The slightly tapered, smooth 8-inch roots are 1 1/4 inches across at the sloping shoulders and have a semi-blunt end. The flesh is deep solid orange all through, brittle tender and sweet.

Nantes XXX. (66 days.) The finest quality of all. Small tops with 6-inch, smooth, cylindrical roots, 1 1/4 inches across and blunt ended. The bright orange flesh is unusually tender and sweet. Delicious when eaten raw.

CAULIFLOWER *1/4 ounce will produce 500 plants*

Pkt. 25c; 1/4oz. \$1.25 -

Time this crop to head in cool weather. Set the plants either by April 15 or wait until late June.

Forbes Reliance. (60 days from plants.) Large sturdy plants with fine, tight, clean white, large heads.
"The Forbes". (55 days from plants.) Big, broad, pure white, solid, rounded heads well protected by the leaves.

CELERY *One packet will produce 400 plants*

Grows best in a sweet, moist, deep loam with lots of humus in it. Supply ample water during droughts.

Giant Pascal. (140 days from plants.) Pkt. 10c; 1/4oz. 30c; oz. 90c
Tall, late green celery for fall, and winter storage, with broad, thick, stringless stalks and large hearts.

Golden Plume, Taller Strain. (85 days from plants.) Pkt. 20c; 1/4oz. 75c; oz. \$2.25
The finest easily blanched, early yellow variety with sturdy plants, full hearts and crisp, tender stalks of fine flavor.

King Pascal. (115 days from plants.) Pkt. 15c; 1/4oz. 55c; oz. \$1.65
Crisp, best flavored of all. Deeply rounded, smooth, glossy stems; large heart. A green type; blanches readily.

Newark Market. (110 days from plants.) Pkt. 20c; 1/4oz. 75c; oz. \$2.25
An Easy Blanching green type with heavy, plainly ribbed stalks and very large heart of fine flavor.

CELERIAC One packet will produce 400 plants

Pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. 90c

"Knob Celery" forms large, globe roots. Cubed, boiled, with cream sauce; a real fall and winter treat.

Dwarf Moonarchie. (110 days from plants.) Short tops, with fine grained, 3-inch rounded roots of nice nutty flavor.

CHINESE CABBAGE $\frac{1}{4}$ ounce will produce 500 plants

Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c

To head in cool weather sow during July to stand a foot or more apart. Delicious when served as a salad.

Special Narrow Head. (70 days.) Solid, tapered cylindrical heads 15 to 18 inches tall and 4 to 5 inches across which, when cut are fully blanched, crisp, and of delicious flavor. Keep well in storage for over two months.

COLLARDS One ounce will sow 200 feet

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c

Cabbage flavored, green leaves valued for Vitamin C content. Grows well in heat and poor soils.

Georgia. (75 days.) Clusters of tender, cabbage leaves at the top of 2 $\frac{1}{2}$ to 3-foot stems. At its best after frost.

CORN, SWEET

Grow corn this year. Picked and served within an hour or two it's much superior to what you buy.

NEW HYBRID VARIETIES One pound will plant 300 hills

All, pkt. 15c; $\frac{1}{2}$ lb. 40c; lb. 70c; 5 lbs. \$3

Several hybrid varieties planted all at one time will provide fine sweet corn throughout the season.

Golden Rocket. (68 days.) This new variety is sweet and has such superior quality that it has taken the place of Spancross. The 8-inch, 10 to 14-rowed, bright yellow ears are produced on stalks 5 $\frac{1}{2}$ to 6 feet high.

Marcross C13.6. (71 days.) The 5-foot stalks produce 7-inch, 10 to 14-rowed golden yellow ears well filled to the tip. The eating quality is good. It is highly disease-resistant, over 85 per cent of the ears are perfect.

Carmelcross. (74 days.) The deep yellow, 12 to 14-rowed, 8-inch ears come on stalks 5 $\frac{1}{2}$ feet high. The table quality is excellent and the flavor is sweet. This is very highly disease-resistant.

Lincoln. (83 days.) A top-rank, bright yellow hybrid with well-filled, tapering, 12 to 16-rowed ears, 8 inches long and 2 inches in diameter of good quality. The vigorous well-foliated stalks are 6 $\frac{1}{2}$ to 7 feet high.

Golden Cross Bantam. (86 days.) The 8-inch, 10 to 14-rowed yellow ears are uniform and of the very highest eating quality and sweetness. The 6 to 6 $\frac{1}{2}$ -foot sturdy stalks have broad dark leaves. Highly resistant.

Narrow Grain Evergreen. (91 days.) This fine white hybrid has very high eating quality. The 8-inch ears are uniformly tapered, with 18 to 22 rows of quite narrow, deep, white kernels. The stalks grow 8 feet high.

OPEN POLLINATED One pound will plant 200 hills

All, pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 55c; 5 lbs. \$2.25

These, still used by some home gardeners, yield over a longer period as they mature quite unevenly.

Golden Bantam. (82 days.) The ears, 7 $\frac{1}{2}$ inches long with 8 to 10 rows of golden yellow, sweet kernels are produced on stalks 5 $\frac{1}{2}$ feet high. The ears of this strain are larger than the original.

Whipple's Yellow. (87 days.) A fine corn in its day with 7 to 8 inch, golden yellow ears having 12 to 14 rows of fairly deep sweet kernels. The stalks grow 6 feet high and frequently bear two ears.

Country Gentleman. (92 days.) Of wide reputation this has 8-inch ears of deep, slender, white kernels, set irregularly without row formation, very tender and sweet. The 7-foot stalks often bear two ears.

MINIATURE SWEET CORN Pkt. plants 50 feet of row

Pkt. 40c; 3 pkts. for \$1

Make several plantings of this delicious midget corn at 10-day intervals in rows.

Golden Midget. (60 days.) The dwarf 3-foot plants bear tender, sweet ears just over 4 inches long, many with two or more ears to the stalk. Plant closely in rows anywhere in the garden as they do not shade other plants.

CORN SALAD One ounce will sow 35 feet

Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 45c; $\frac{1}{4}$ lb. \$1.25

Sow 6 inches apart in rows 2 feet apart in early spring or in September for wintering over.

Broad Leaf. (45 days.) Rosettes of tender leaves used in winter and early spring in mixed salads as it lacks piquancy.

CUCUMBERS One ounce will plant 50 hills

All, pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1

Dust the plants from start to maturity with Bordeaux against disease and Rotenone against beetles.

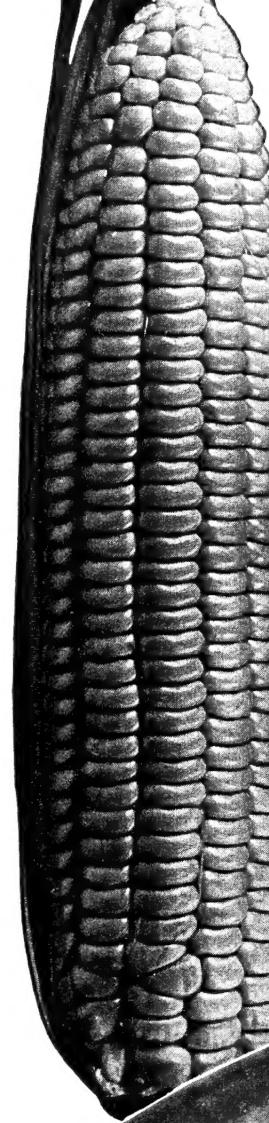
Cubit. (60 days.) A prolific, white-spined variety with cylindrical blunt-ended, smooth fruits, 8 inches long and 2 inches across, with very small seed cavity. The color is unusually dark green. Fine for slicing.

Longfellow. (72 days.) Long, slender, dark green fruits which are perfect when 10 inches long and 2 inches across but mature 2 inches longer. They are very smooth and even and have nice dark green color.

Marketer. (65 days.) Very vigorous prolific vines with a heavy yield of uniform, 8 by 2 $\frac{1}{4}$ -inch fruits, slightly tapered at each end. The intense dark green color carries right down to the blossom end.

National Pickling. (55 days.) The vines are productive with a large crop of uniformly shaped, dark green, black-spined fruits 6 by 2 $\frac{1}{2}$ inches when full grown, and full ended. They hold the dark color well.

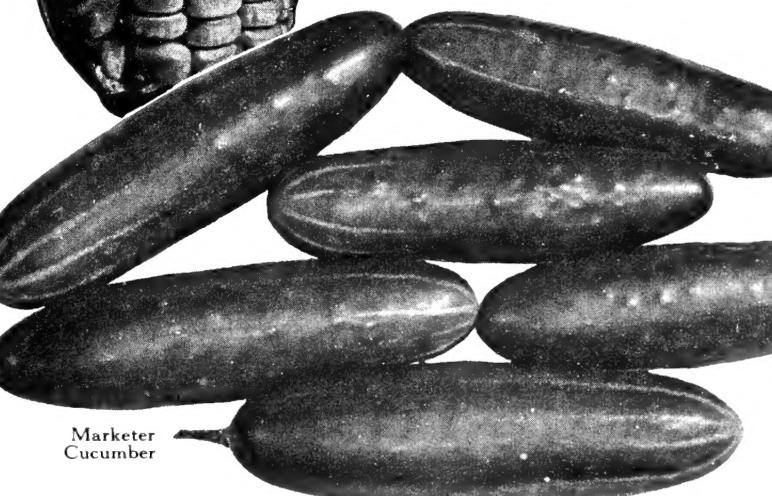
Straight-8. (65 days.) These white spined fruits are cylindrical, 8 inches long and 1 $\frac{1}{2}$ inches across and well rounded at both ends. They are deep green and free from striping. The vines are quite productive.



Golden
Midget
Sweet
Corn



Narrow Head Chinese Cabbage



Marketer
Cucumber



DANDELION *1/4 ounce will sow 50 feet*

Sow the Thick Leaf variety in August; winter it over for use in early spring as it is a hardy perennial.
Italian (*Cicoria catalogna*). (65 days.) Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 60c.
 After the main stalk is cut the plant produces numerous sprouts. These, cut at intervals, are used for greens.
Thick Leaf. (95 days.) Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. \$1
 Forms a compact, upright tuft of very thick, deep green leaves. These are quite easily blanched for use in salads.

EGGPLANT *One packet will produce 50 plants*

Pkt. 15c; $\frac{1}{4}$ oz. 30c; oz. 90c
 Delay setting the plants out in the garden until late May. They thrive best in a light rich, warm soil.
Black Beauty. (80 days from plants.) Sturdy, branching plants each with 4 to 6 black-purple fruits, heavy at base.

ENDIVE *One ounce will sow 150 feet*

Each, pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 75c
 When nearly full grown blanch by tying outer leaves over center or placing board flat along row.
Full Heart Batavian (*Escarolle*). (90 days.) Round, 12-inch plants; dark green, broad leaves with curled edges.
Mammoth Bordeaux Curled. (95 days.) Large 18-inch plants, with finely cut and curled leaves and green midribs.

HERBS

These thrive best in a sunny location where the soil is well drained and not too rich.
Basil, Sweet Pkt. 15c; $\frac{1}{4}$ oz. 25c; oz. 75c
 A compact annual, 12 inches high with bright green, broad, aromatic leaves used for seasoning.
Dill, Mammoth Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c
 This feathery-leaved, 2½-foot annual produces aromatic seed clusters used in Dill pickles.
Fennel, Florence (*Finnocchio*). (85 days.) Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1
 Bulb-like base with numerous branching 2½-foot leaf-stalks and dense feathery aromatic foliage.
Sage, Broad Leaf Pkt. 15c; $\frac{1}{4}$ oz. 40c; oz. \$1.15
 Hardy perennial. Upright, 15-inch plants with gray-green aromatic leaves of pungent flavor used for seasoning.
Savory, Summer Pkt. 15c; $\frac{1}{4}$ oz. 35c; oz. \$1
 A very fragrant annual, 18 inches high with a piquant flavor. The leaves and tips are used for flavoring.
Sweet Marjoram Pkt. 15c; $\frac{1}{4}$ oz. 40c; oz. \$1.15
 A bushy, 2-foot tender perennial. Must be treated as an annual. The fragrant leaves are used for seasoning.
Thyme, Broad Leaf Pkt. 15c; $\frac{1}{4}$ oz. 50c; oz. \$1.50
 This 10-inch, hardy perennial has aromatic leaves which are very popular for seasoning.

KALE *One ounce will sow 200 feet*

Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c

For fall, winter and early spring greens sow the seed about June 15. Frost greatly improves the flavor.
Green Curled Dwarf Scotch. (60 days.) Very hardy, 15 inch plants, 30 inches across with finely curled leaf plumes.

KOHLRABI *One ounce will sow 200 feet*

Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 45c; $\frac{1}{4}$ lb. \$1.35

If pulled when the bulbs are 2 inches or less in diameter, cubed and boiled this has a delightful flavor.
White Vienna, Short Leaf. (55 days.) Small plants with leaf stems growing out of round, pale green bulbs.

LEEK *One ounce will sow 100 feet*

Each, pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 60c; $\frac{1}{4}$ lb. \$2

Sow direct in, or transplant to trenches 6 inches deep; fill in as plants grow. This blanches the stem.
American Flag. (135 days.) The 8 to 10-inch stems, 1½ inches across, are sensitive to cold and used for late summer.
Giant Italian. (150 days.) This hardy, long keeper is best for fall and winter crop. Stems often 3 inches thick.

LETUCE

Everyone should grow Lettuce, high in Vitamin A. Salads are good for you. Grow quickly in rich soil.

HEAD LETTUCE *1/4 ounce will produce 500 plants*

Start seed very early and set plants out, or thin to, 10 inches apart. They will head before hot weather.

Great Lakes. (83 days.) Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 65c
 Medium-green, heavy ribbed leaves forming solid, crisp, "Iceberg" heads which resist hot weather better than any other. Sure heading.

Romaine, Trianon Cos. (70 days.) Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c
 Best started mid-July. Long, concave, broad-ribbed, crimped, light green leaves forming compact solid heads. 12 inches high.

White Boston, N. J. Special. (76 days.) Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c
 Smooth, plain edged, light green, tender leaves forming tightly folded, "Butterhead" type heads, with buttery, yellow hearts.

LETTUCE, LOOSE-LEAF *One ounce will sow 250 feet*

Successive sowings give a continuous supply. Use every other plant, leaving room for the rest to grow.

Black-Seeded Simpson. (45 days.)

Large, compact plants with broad, frilled, light green, curly, crisp leaves. After picking leaves, new leaves grow.

Bronze Beauty. (40 days.)

Loose head with Oak Leaf shaped green leaves tipped with ruddy bronze. It shows unusual resistance to hot weather.

Grand Rapids. (42 days.)

Large, compact, upright plants with light green leaves, having waved, frilled edges. Hardy, disease resistant.

Oak Leaf. (40 days.)

Semi-heading, with medium green, small oak-like leaves. Stands heat very well. Always "buttery" and sweet.

MANGEL *One ounce will sow 50 feet*

Sow in May or June in deep soil in rows 2 feet apart and thin plants to stand 9 inches apart.

Mammoth Long Red. (110 days.) Red, 18-inch white-fleshed roots, 6 inches across growing half above ground.

MUSKMELONS *One ounce will plant 50 hills*

Thrive in a sunny, rich, medium or light soil. Start indoors early May in pots, set out when warm.

Hearts of Gold XXX. (90 days.)

Round green, gray netted, slightly furrowed fruits, 6 inches across. Very thick, salmon-orange, sweet, juicy flesh.

Honey Rock. (85 days.)

Gray-gold, oval-round, 5 x 6 inch, coarsely netted melons with thick, juicy, deep salmon flesh of sweet musky flavor.

Iroquois. (90 days.)

Creamy green, oval-round melons, 6½ inches across with prominent ribs and heavy netting. Sweet orange flesh.

Jersey Gold. (90 days.)

Heavily netted, oval, 7 x 6 inch, yellow-gray melons, faintly ribbed. Thick orange, sweet flesh, small seed cavity.

MUSTARD *One ounce will sow 200 feet*

The slightly pungent leaves are used for salads, or boiled like Spinach for greens. They grow very quickly.

Fordhook Fancy. (40 days.) Long, curled, deeply cut, dark green, mildly flavored leaves which curve outward.

OKRA *One ounce will sow 50 feet*

Pods, when small and tender, are used boiled, for salads or for thickening and flavoring soups and stews.

Clemson Spineless. (55 days.) The 4½-foot plants, bear rich green, angular, ridged, 6-inch spineless pods.

Perkins Mammoth Spineless. (50 days.) Many bright green, ribbed, 7-inch, smooth, slim pods on 3-foot plants.

ONIONS *One ounce will sow 100 feet*

Thin to 1 inch apart, pull every other one while small, repeat later for "boilers;" those left will mature.

Southport White Globe. (110 days.)

Medium large, globular, solid white bulbs with fairly mild, white flesh. Southport Yellow Globe keeps longer.

Southport Yellow Globe. (110 days.)

Large, globe-shaped, golden yellow bulbs with cream flesh of quite mild flavor. Keeps best of all in storage.

White Sweet Spanish. (110 days.)

The largest and mildest of all white onions with globe shaped, small-necked bulb and crisp, white flesh.

Yellow Sweet Spanish. (110 days.)

Very large, amber-yellow, globular onions with white, solid, very mild, sweet flavored flesh. Keeps very well.

Onion Sets, White and Yellow

Each, ½lb. 20c; lb. 35c; 4 lbs. \$1.30; 8 lbs. (peck) \$2.50

One pound plants 75 feet. For green onions plant 2 inches deep, 1 inch apart; mature onions, 4 inches apart.

PARSLEY *One ounce will sow 200 feet*

Seed germinates in 3 weeks. The leaves are high in Vitamin A. The roots of Hamburg are edible.

Extra Double Curled. (75 days.) Short, stiff stem with compact, finely cut, very densely curled, dark green leaves.

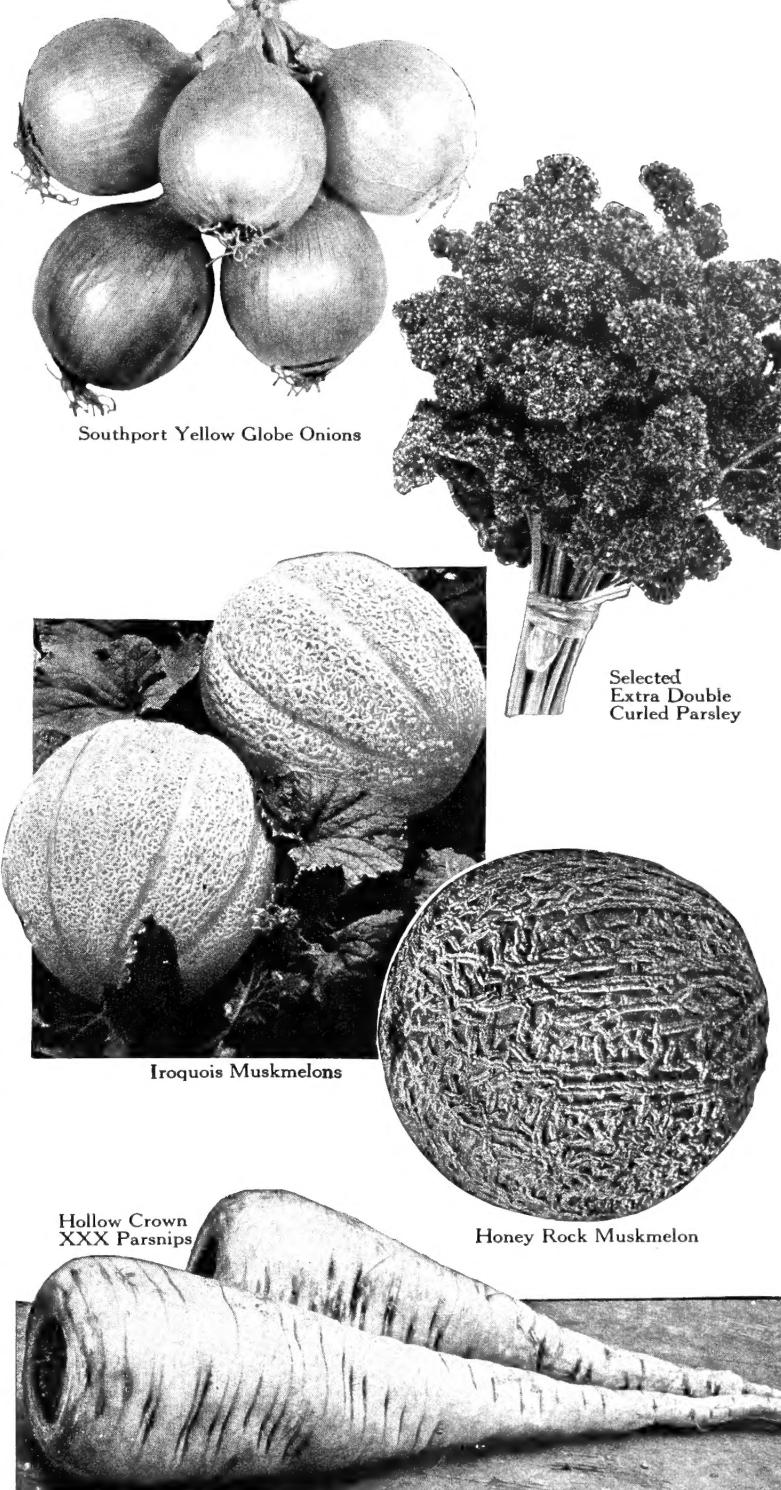
Hamburg, Short. (90 days.) Fleshy, celeriac flavored, 5-inch roots. Served boiled or to flavor soups. Store well.

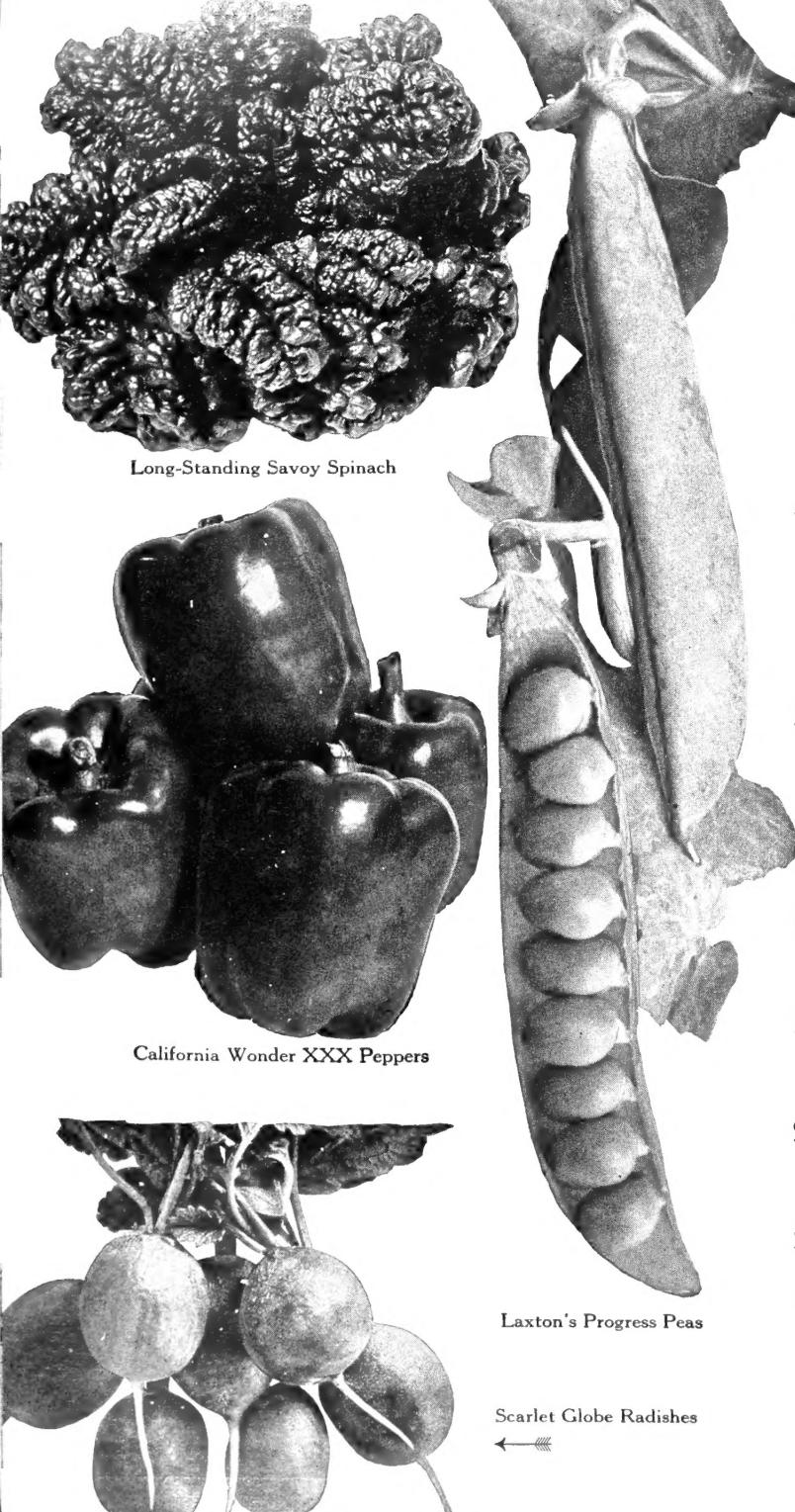
Italian or Plain. (72 days.) Dark green, deeply cut, flat leaves without any curl. Used for seasoning. Quite hardy.

PARSNIP *One ounce will sow 150 feet*

Let roots remain in garden over winter. Dig as needed during thaws. This gives them a sweeter flavor.

Hollow Crown XXX. (100 days.) Uniformly tapered, clean roots, 9 to 10 inches long and 2½ inches across at the shoulder and of a creamy white color, with deep set hollow crowns. Use of fresh manure causes prongs.





Long-Standing Savoy Spinach

California Wonder XXX Peppers

Laxton's Progress Peas

Scarlet Globe Radishes ← →

PEAS *Two pounds will plant 100 feet of double row*

All, pkt. 10c; $\frac{1}{2}$ lb. 30c; lb. 55c; 5 lbs. \$2.25
Peas, freshly picked and cooked, hold their full sugar content. Plant in double rows, 6 inches apart.

Laxton's Progress. (60 days.) The sturdy, productive dark green vines, 16 inches high, bear many deep green, pointed, $4\frac{1}{2}$ -inch pods each holding 8 or 9 large dark green peas of high quality and sweet flavor.

Little Marvel. (63 days.) Very prolific, 18-inch vines producing a remarkably large crop of $3\frac{1}{2}$ -inch pods, often in pairs. These are straight, deep green, square-ended and well filled with sweet, dark green, large peas.

Telephone, Dark Pod. (74 days.) Vigorous, wilt-resistant, 4 to 5-foot vines with coarse, dark green leaves and many dark green, broad, straight, pointed $4\frac{1}{2}$ to 5-inch pods packed with 8 large, light green sweet peas.

World's Record. (57 days.) The medium green, $2\frac{1}{2}$ -foot, wilt-resistant vines bear a heavy crop of fairly broad, pointed, dark green pods $3\frac{1}{2}$ to 4 inches long containing 7 large dark green peas of excellent quality and sweetness.

PEPPERS *One packet will produce 75 plants*

All, pkt. 10c; $\frac{1}{4}$ oz. 30c; oz. 90c
Start indoors in April, set plants out May 20th. To get heaviest yield pick the peppers before turning red.

California Wonder XXX. (72 days from plants.) Blocky, square nosed, thick walled mild fruits, 5 by 4 inches.

King of the North. (64 days from plants.) Smooth, shiny, tapered mild fruits, 6 x 3 inches, in great numbers.

Large Hot Red Cherry. (82 days from plants.) Smooth, solid, round fruits, $1\frac{1}{4}$ inches across. Hot and pungent.

Worldbeater. (70 days from plants.) Large yield of 4-lobed, smooth, glossy green mild fruits, 5 x $3\frac{1}{2}$ inches.

PUMPKINS *One ounce will plant 25 hills*

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c

A few hills will provide for many delicious pies in fall and winter. Far better than canned Pumpkins.

Connecticut Field. (120 days.) Smooth, deep orange fruits, commonly 10 inches high and 12 inches across weighing 20 pounds. The flesh is deep yellow, fine grained and of good quality. This is the one to grow for Hallowe'en.

Large Cheese. (120 days.) Large, flattened-round fruits, 12 to 15 inches across and half as deep with skin mottled with light green and yellow changing to creamy buff. The fine grained, thick flesh is deep yellow.

Small Sugar. (110 days.) This is the best for pies. Small, orange, flattened-round, furrowed pumpkins; 10 inches in diameter with thick, sweet, deep yellow, fine-grained flesh of unexcelled quality. The vines are very productive.

RADISHES *One ounce will sow 100 feet*

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c

Each week, sow a week's supply of early kinds in loose rich soil. Sow winter Radishes after July 20.

Icicle. (30 days.) The slim waxy white roots are best when 4 to 5 inches long. They are mild and as brittle as ice.

Scarlet Globe. (23 days.) Clean, bright scarlet, uniform globe-shaped roots, solid and crisp, with small tap roots.

Scarlet Turnip White Tip. (25 days.) Small topped, almost round, bright scarlet roots with clear white tips.

White Strasburg (Summer). (40 days.) Tapered, 5-inch, white roots, 2 inches across. Flesh is crisp, solid, pungent.

Round Black Spanish (Winter). (55 days.) Round, gray-black roots, 4 x 3 inches, with firm white pungent flesh.

RUTABAGA *One ounce will sow 200 feet*

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c

If for winter storage sow late July or early August. The roots will be smaller but of better quality.

Neckless. (90 days.) Large, globe-shaped, purple-topped, yellow roots with small necks. Light yellow, firm flesh.

SALSIFY *One ounce will sow 50 feet*

Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 60c

For winter use store roots after a hard frost. For early spring use, leave roots in garden over winter.

Mammoth Sandwich Island. (150 days.) Uniformly tapered, white, 8-inch roots, 1 to $1\frac{1}{2}$ inches across.

SORREL *One ounce will sow 100 feet*

Pkt. 10c; oz. 60c

The tart, fresh leaves of this hardy plant are used for salads, for flavoring soups and boiled Spinach.

Narrow Leaf. (60 days.) Long, slender, quite narrow, bright green, upright leaves with a mild acid flavor.

SPINACH *One ounce will sow 100 feet*

All except New Zealand, Oz. 15c; $\frac{1}{4}$ lb. 40c

Avoid maturing Spinach in hot weather as it bolts to seed. Sow either before May 15 or after Aug. 1.

Dark Green Bloomsdale Savoy. (40 days.) Large, glossy, dark green, crumpled leaves for early spring or fall.

Haarlem Market. (42 days.) Being prickly seeded, it withstands rotting in cold wet soil. Fine for March or late September sowing to winter over as it is quite hardy. Forms dark green, heavily savoyed, crumpled leaves.

Long-Standing Savoy. (45 days.) Heavily savoyed, dark green leaves. Stands long without bolting.

Virginia Blight-Resistant Savoy. (40 days.) Best for fall. Resists blight and bolts earlier in heat.

New Zealand. (60 days.) Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c
Large spreading plants; numerous tender, new leaves through summer. Soak seed 24 hours as it germinates slowly.

SQUASH

A "yellow" vegetable high in Vitamin A, Squash is a *must* in our diet. Easily grown and prepared.

SUMMER BUSH VARIETIES One ounce will plant 30 hills

All, pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c

A few hills, 3 feet apart each way, will yield steadily if you pick the usable fruits. Dust with Rotenone.

Cocozelle. (65 days.) These almost cylindrical fruits are dark green with lighter stripes and grow to 20 x 4½ inches when mature but should be used when only 6 or 8 inches long. The greenish white flesh is delicious.

Early Prolific Straightneck. (50 days.) The compact bushes produce a heavy crop of smooth, straight creamy yellow fruits usable when only 4 or 5 inches long and until 10 to 12 inches long. The yellow flesh is excellent.

White Bush Scalloped. (50 days.) These "Patty Pans" are round and flat with scalloped edges, very pale green when young but when mature are white, 7½ inches across and 3 inches thick. Best quality and flavor when small.

Zucchini, Dark Green. (62 days.) Smooth, long, slender, slightly fluted, black-green fruits, 13 x 4 inches at maturity but best when 5 or 6 inches long. The flesh is greenish white, unusually tender and of very fine flavor.

WINTER VINE VARIETIES One oz. plants 15 hills

Each, except Butternut, pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c

Space well-manured hills 6 feet apart each way, 3 or 4 plants to a hill. Keep dusted with Rotenone.

Butternut. (95 days.) Pkt. 15c; $\frac{1}{4}$ oz. 25c; oz. 60c; $\frac{1}{4}$ lb. \$1.75

The vines produce many creamy tan, smooth, straight fruits with long, thick, solid necks and bulbous seed cavity ends. Use when 6 or 8 inches long or store for winter when 12 inches long and hard shelled. Top flavor and quality.

Des Moines or Acorn. (80 days.) Yellow fleshed, dark green, ridged, pointed, acorn shaped fruit, 5½ x 4 inches.

Warted Hubbard XXX. (110 days.) Large, heavily warted, hard, dark green round fruit with elongated ends.

SWISS CHARD One ounce will sow 50 feet

Each, except Rhubarb, pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c

The leaves provide boiled greens all summer and fall; the midribs alone are cooked like asparagus.

Fordhook Giant. (55 days.) Very large, dark green leaves, heavily crumpled. The stems are white, broad and thick

Lucullus. (55 days.) Large, 2-foot plants with curled and crumpled, broad, light green leaves and fleshy stems.

Rhubarb. (60 days.) Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1

Attractive plants with large, much crumpled, dark green, red-veined leaves and bright crimson-red stems and midribs.

TOMATOES $\frac{1}{4}$ ounce will produce 500 plants

The most versatile of all vegetables. Tomatoes grown on stakes or trellises provide the best fruit.

Bonny Best. (73 days from plants.) Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. 90c

A standard early with a huge crop of smooth, medium-sized, flat-round, bright scarlet tomatoes which ripen evenly.

Early Jersey. New. (69 days from plants.) Pkt. only 35c.; seed limited

The earliest good tomato. The sturdy vines freely yield smooth, firm, solid, medium-large bright red fruits.

Golden Jubilee. (75 days from plants.) Pkt. 15c; $\frac{1}{4}$ oz. 40c; oz. \$1.25

An outstanding bright golden orange, mild flavored variety of excellent quality with large round fruits in quantity.

Italian Red Plum. (75 days from plants.) Pkt. 15c; $\frac{1}{4}$ oz. 55c; oz. \$1.65

Clusters of bright red, oval fruits, 2½ inches long, in great abundance. The flavor and quality are excellent.

Marglobe (Certified). (75 days from plants.) Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. 90c

Best main crop for medium-heavy soils. Large, uniform, scarlet fruits, deep globe-shaped, smooth and solid.

Oxheart. (95 days from plants.) Pkt. only, 15c each

A fairly productive late variety with very large, solid, heart-shaped, pink fruits, meaty and of mild flavor.

Ponderosa or Beefsteak. (85 days from plants.) Pkt. 15c; $\frac{1}{4}$ oz. 40c; oz. \$1.25

Enormous, deep flat shaped, purplish pink fruits somewhat irregular but fine for mild acid-free juice.

Rutgers (Certified). (75 days from plants.) Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. 90c

Heavy vines loaded with scarlet, globe-shaped large, heavy solid fruits for main crop particularly on light soils.

Valiant (Certified). (70 days from plants.) Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. 90c

The vigorous, rather open spreading vines yield best on rich, heavy soils with large, round, solid, bright red fruits.

Yellow Plum. (75 days from plants.) Pkt. 10c; $\frac{1}{4}$ oz. 35c

Oval-shaped, bright yellow fruits, 1½ to 2 inches long, in clusters on productive vines. Fine for preserves.

TURNIP One ounce will sow 200 feet

All, pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c

Turnips do best when sown in late July in a rather light moist soil. They keep well in winter storage.

Purple Top White Globe. (55 days.) Smooth, 4-inch globes, purplish red above and white below ground.

Yellow Globe Green Top. (75 days.) Green-topped yellow globe roots, 5 inches across. The flesh is pale yellow.

Seven Top. (45 days.) Grown for greens only. The crown sends up numerous, tender leafy shoots which are boiled.

WATERMELON One ounce will plant 25 hills

Each, pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 75c

These do best in a warm sunny location preferably with a slope to the south and a rich sandy soil.

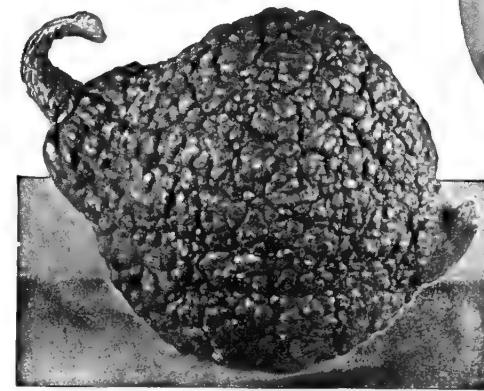
Dixie Queen. (85 days.) Oval round 15 by 12-inch light green melons striped dark green with crisp sweet red flesh

Kleckley's Sweets. (90 days.) Large, cylindrical dark green melon with red, crisp, very sweet flesh.

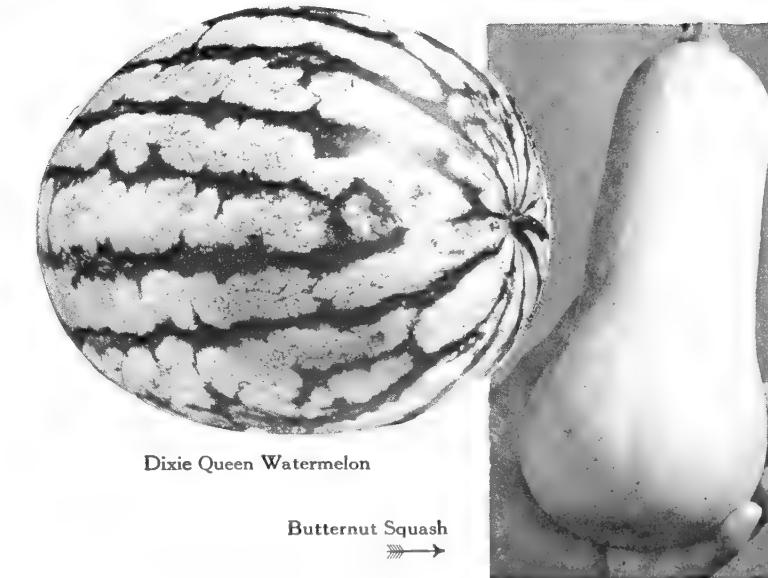
Early Jersey Tomato



Purple Top
White Globe Turnip



Warted Hubbard XXX Squash



Butternut Squash

FORBES FINE FLOWER SEEDS

Only the best, brought together from all corners of the globe

In any gardening effort, the results are really based on the quality of the seeds used. The greatest care and the longest experience are useless if the seeds are not good. It has been our pleasurable task since 1898 to currently determine the relative worth of all available seed strains. Our constant aim is to offer only the finest, and through the years Forbes Flower Seeds have earned an enviable record for consistent high quality. Commendable reports reach us in ever-increasing numbers. We feel that your use of Forbes Seeds will greatly add to your gardening pleasure and satisfaction.



Ageratum, Blue Boy



Ageratum,
Midget Blue



Acroclinium,
Giant Double Hybrids



←
Agathaea
coelestis

Seeds of Annual Flowers

With a delicate beauty all their own, annuals sprout from seed, grow, flower, fruit, and die all within the garden year. They are easily grown from seed.

ACROCLINIUM

Popular Everlasting Flowers easily grown in any soil, blooming six weeks after seeding. Sow early indoors and set out in May for bloom from June until frost; or sow direct in the garden bed in May.

Giant Double Hybrids.

Fine, large flowers in shades of salmon, apricot, pink, rose, and cerise, and in white and cream, on 20-inch plants.

Pkt. 15c; 14oz. 45c

AGATHEA

This half-hardy perennial blue daisy is beautiful in the garden border. For cut-flowers, be sure to cut stems at bottom to cause plants to branch more freely. Likes rich, porous soil and full sun. A very excellent 45-degree greenhouse pot-plant and, if started in January and benched in July, the 18-inch plants will bloom from December to May. Repot plants each year.

Cœlestis.

Blue Marguerite. Exquisite single sky-blue rayed flowers, 1½ inches across, with yellow discs in June. Invaluable for dwarf borders. Seed is of irregular germination.

Pkt. 15c; 1/2oz. 35c

AGERATUM

Floss Flower. One of the very finest dwarf bedding plants, as it flowers continuously all summer up to frost. Plants will be ready to set out in the garden in May from seed sown in January and February. Blue Boy sown in November or December makes fine pot-plants for Easter bloom. Also sow in the garden in May. Thrives in full sun or half shade.

Blue Ball Improved.

The broad green foliage of the dwarf, symmetrical 5-inch plants when in full bloom is almost covered with small deep azure-blue flowers. They are very uniform and even in growth.

Pkt. 20c; 1/2oz. 45c; 1/2oz. 70c

Blue Boy.

This extra-dwarf strain is the result of many years of careful selection. The plants are compact and very uniform, growing about 4 inches high. Its rich deep blue flowers of good size are very freely produced, almost obscuring the neat deep green foliage. Fine for borders and rock-gardens.

Pkt. 20c; 1/2oz. 45c; 1/2oz. 70c

Blue Perfection.

Large flower-heads of deep amethyst-blue on 9 to 10-inch plants. Excellent for large beds and for cutting.

Pkt. 15c; 1/2oz. 40c; 1/2oz. 65c

Midget Blue

All-America Winner. This delightful little edging plant is the dwarfest of all—3 inches high—with fine foliage literally covered with small, true ageratum-blue flowers. It comes uniformly dwarf.

Pkt. 20c; 1/2oz. 45c; 1/2oz. 75c

Forbes Fine Flower Seeds are nationally known for their high quality, purity and germination

ALYSSUM

Fragrant edging plants fine for borders and window-boxes, with small flowers in great profusion through summer and fall. Sow the seed as soon as the ground is workable, having plants stand 8 to 12 inches apart. Cutting back the plants occasionally increases the bloom. They thrive well in any soil. For earlier bloom, start the seed in March. For *Alyssum saxatile* see Perennial List.

Carpet of Snow.

Round, flat plants, 5 inches high and 10 to 12 inches across, with a solid mass of tiny white flowers.

Pkt. 10c; $\frac{1}{4}$ oz. 45c; oz. \$1.35

Snow Cloth.

The very finest white variety, and blooms two weeks earlier than any other. The very flat round plants, 12 inches across and 2 inches high, form a compact mass of small pure white flowers.

Pkt. 10c; $\frac{1}{4}$ oz. 45c; oz. \$1.35

Violet Queen.

An extremely fine English strain of unusual beauty. The round plants, 10 inches across and 4 inches high, form mounds of striking bright violet and make a very unusual dwarf edging plant. The distinctive color, becoming even more intense as the season progresses, contrasts strikingly with the creamy centers which appear in many of the flowers. An ideal subject for edging plants.

Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c; oz. \$1.80

AMARANTHUS

Brilliant-foliaged annuals. Like hot sun and well-limed, not too rich soil. Give them room to develop.

Molten Fire.

The most ornamental of all, with 3-foot plants having dark bronze leaves and perfect poinsettia-red tops.

Pkt. 10c; $\frac{1}{8}$ oz. 35c

Tricolor splendens.

Joseph's Coat. The inner foliage is black-bronze tipped with green; the outer, bright scarlet and gold. Height 3 feet.

Pkt. 10c; $\frac{1}{4}$ oz. 40c

ANAGALLIS

Pimpernel. A showy annual of compact habit which blooms freely from July to frost. Charming star-shaped flowers. Sow in May in a sunny location where plants are to bloom, and thin out.

Grandiflora, Mixed.

Five-petaled star flowers which contrast beautifully with the bright green foliage of the 9-inch spreading plants.

Pkt. 10c; $\frac{1}{4}$ oz. 40c

ANCHUSA

Alkanet. These pretty summer Forget-me-not-like flowers are beautiful in beds and for cutting.

Blue Bird.

Cape Forget-me-not. All-America Winner. The plants grow very compactly, 18 inches high, with nearly flat heads of vivid indigo-blue flowers at the top of the plant. Blooms throughout the summer.

Pkt. 10c; $\frac{1}{4}$ oz. 35c

ARCTOTIS

African Daisy. This handsome annual blooms from July until frost if given a sunny location. It lasts unusually long as a cut-flower. Sow seed outdoors in May. The Arctotis Hybrids are especially attractive. If wanted to bloom earlier start the seed indoors in March.

Grandis.

Bushy 2 to 3-foot plants with 2-inch daisy flowers with mauve centers and pearl-white petals, reverse tinted lilac.

Pkt. 10c; $\frac{1}{4}$ oz. 40c

Autumn Shades Hybrids.

This fine border plant has gray-green foliage and large daisy-like flowers, $2\frac{1}{2}$ to 3 inches across on compact 10-inch plants. The colors embrace the rich autumn shades—red, orange, burnt orange, bronzy orange, yellow and cream, many with markings at the base of the petals. They are very gay in the border and do well in a dry soil.

Pkt. 20c; $\frac{1}{8}$ oz. 60c

ASTER

REGULAR STRAINS (Not Wilt-Resistant)

California Giants, Mixed.

Combines the giant size and vigor of American Beauty with the earliness and fluffy, flat, curled petals of Crego. The 5-inch flowers are full-centered, on 18-inch stems, from late summer until frost, on 3-foot plants.

Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. \$1

Giant California Sunshine, Mixed.

Beautiful half-double 5-inch blooms, on long, stiff stems. The yellow, quill-like cushion center is encircled by a single row of contrasting petals. In pastel tones before mid-September on 2 to 3-foot plants.

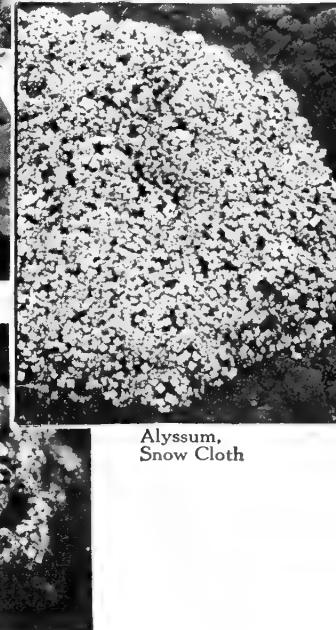
Pkt. 20c; $\frac{1}{8}$ oz. 55c; $\frac{1}{4}$ oz. 95c

Imbricated Pompon, Mixed.

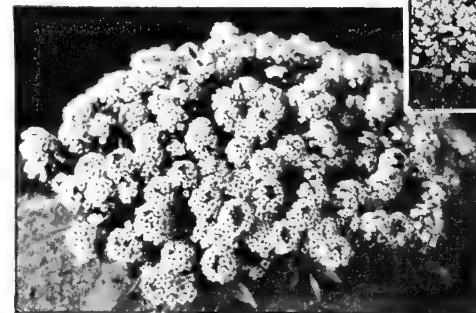
Small round pompon blossoms, often as many as twenty to a plant, in early August, on upright 18-inch plants.

Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1

Arctotis,
Autumn Shades
Hybrids



Alyssum,
Snow Cloth



Alyssum, Violet Queen



Anchusa,
Blue Bird

Anagallis Grandiflora, Mixed



ASTER

Few flowers make a better show in the fall than Asters. They are among the most popular fall annuals grown and justly so, because of their ease of culture, season of bloom and lasting qualities, both in the garden and as cut-flowers. For early bloom start seed in March, no earlier, or in a greenhouse one month before they are to be transplanted, using sterilized soil. A 55 to 60-degree temperature is best to maintain growth. Water carefully to prevent overcrowded seedlings standing wet overnight. Aster seed may be sown direct in the garden bed after May 1.

WILT-RESISTANT STRAINS

Highly resistant strains again make possible the successful growing of Asters. Do not confuse "Aster-wilt" with "Aster yellows." The latter shows yellow or white spots on the plants which when badly infested shrivel up and fail to bloom. "Aster yellows," caused by leaf hoppers, is controlled by dusting the plants with 5 per cent D.D.T.

American Beauty Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 70c
These beautiful flowers, from 4 to 5 inches across, have full heads of incurved petals and 18-inch stems and are produced in early September on plants $2\frac{1}{2}$ to 3 feet high. The keeping qualities are excellent.

Branching.

Each, pkt. 10c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 70c
This superb strain forms strong, branching bushes, $2\frac{1}{2}$ to 3 feet high, bearing on long, strong stems their chrysanthemum-like, large, fluffy blooms, double to the center, of exquisite form and delicate color, and the petals broad and undulating. They bloom usually at their best during September.

Azure-Blue, Crimson, Shell-Pink, Purple, Rose, White, and Mixed.

Crego Improved, Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 70c
Robust, branching plants 2 to $2\frac{1}{2}$ feet high, which bear, in mid-September, brilliant displays of large, double flowers with flat, curled petals. Very fine for cutting. The colors include Navy-Blue, Crimson, Orchid, Shell-Pink, Purple, Deep Rose, Dark Violet, White.

Early Giant.

Each, pkt. 15c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$1.10
This new strain flowers in mid-August with huge, full-petalled Crego type flowers, often 4 to 5 inches across. The broad graceful petals are plumed and intertwined. There are practically no side branches on the heavy-stemmed, $1\frac{1}{2}$ to 2-foot plants making these ideal for cutting. Light Blue, Rose Marie, rose-pink, and Mixed.

Heart of France.

Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 80c
Medium-sized, rich deep red flowers with long stems in late August, on $1\frac{1}{2}$ to 2-foot branching, robust plants.

Princess, Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 65c. $\frac{1}{4}$ oz. \$1.10
This is a distinctly new flower type in Asters with full, deep crested centers surrounded by several rows of strong guard petals. The 3 to $3\frac{1}{2}$ -inch flowers, fine for cutting are produced early on free flowering 2 to $2\frac{1}{2}$ -foot branching plants.

Queen of the Market, Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 80c
This is an early Aster usually in bloom 2 weeks before most others. The graceful, double flowers of good size, on long stems for cutting, appear in early August, on branching plants 20 inches high. Excellent for cut-flowers.

Royal, Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 70c
The flowers are similar to the Branching type with large incurved petals but blooming in mid-August soon after Queen of the Market. The plants are 2 to $2\frac{1}{2}$ feet high.

BALSAM

Lady Slipper. These half-hardy annuals love hot sun, rich soil, and plenty of water. They grow very rapidly and from seed sown in May form strong bushes thickly massed with rose-like flowers.

Double Camellia-flowered, Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 40c
Bushy 18-inch shining green plants with extra-double flowers clustered along the stems. In white, and red shades.

Dwarf Bush, Torch.

Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 95c
The double vermillion-red flowers of this type appear in clusters on top of the stem, instead of on the sides. They make nice 8 to 10-inch compact plants and are fine for growing in pots.

Dwarf Bush, Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 95c

BEGONIAS FOR BEDDING

Fine bedding plants, 10 to 12 inches high, for full sunlight and partial shade, with a continuous profusion of small flowers from summer to fall. Start seed indoors in January for May bedding plants. Summer seedlings make fine winter house-plants.

Indian Maid.

Pkt. 35c; Tr. pkt. 95c

Luminosa.

Pkt. 30c; Tr. pkt. \$1.10

Prima Donna.

Pkt. 30c; Tr. pkt. 95c

BRACHYCOME

Swan River Daisy. Most charming little annual flowers imaginable, and easy to grow in any soil.

Iberidifolia, Mixed.

The 10-inch plants, with finely laciniated foliage, are ideal for low borders. They bear a profusion of dainty flowers resembling small cinerarias, held well above the foliage, in white and shades of blue.

Brachycome iberidifolia

BROWALLIA

An excellent pot-plant, and if seeded in January and benched in March, it will come to bloom in May. Fine as a bedding plant, particularly in shade, where it will bloom all summer. For bedding start seed in February or early March, transplant to pots and set out in the garden beds in May.

Speciosa major.

Large, 5-petaled star-shaped flowers of bright ultramarine-blue on 10 to 12-inch very free-flowering plants.

Viscosa compacta, Sapphire.

A more compact form with full foliage and small, pretty, dark blue flowers with white eye. Height 9 to 10 inches.

CALENDULA

Pot Marigold. One of the showiest hardy annuals, blooming from early summer until frost in any good garden soil. Sow the seed direct in the garden bed in April or May. For early flowering start the seed indoors in February or March and grow in a cool temperature with plenty of air in fairly rich soil. Keep the flowers cut for continuous blooming. Make a late sowing in early July for fall plants.

Ball's Gold.

Extra-large, uniformly double flowers of a deep golden yellow with lighter centers, on extra long-stemmed plants.

Ball's Long Orange.

Bright golden orange flowers with lighter centers. Outstanding for extra-large size and long stems.

Chrysanthia or Sunshine.

All-America Winner. This is a distinct variety, ideal for garden cutting. The plants, 2 to 2½ feet high, bear long-stemmed, large, buttercup-yellow flowers with long, loosely arranged petals, resembling a chrysanthemum.

Lemon Queen.

This is an improved strain with large double conventional flowers of pleasing deep lemon-yellow with lighter center.

Masterpiece.

Long stems, fine for cutting with flowers of deep intense orange and darker orange; full center.

Orange King.

An unusually fine selection, with enormous very double, conventional flowers of deep red-orange, slightly darker at the full center, on stems excellent for cutting. Blooms in advance of other varieties and remains in bloom through the whole season, even after the first light frosts. Height 18 inches.

Orange Shaggy.

All-America Winner. Graceful, orange-red flowers which are slightly lighter toward the center, giving a two-tone effect, on long, strong stems, fine for cutting. The petals are long, deeply laciniated, and give a shaggy appearance resembling some chrysanthemums. The 18-inch plants flower profusely.

Sensation, Improved Campfire.

This is vastly improved over the original Campfire, and is ideal for cut flowers. The blooms are flat across the top, 4 inches or more in diameter, with long, heavy cutting stems. The color is a rich deep orange with scarlet sheen.

Double Bedding Mixed.

These are of the conventional type with extra-large flowers in all of the orange and yellow tones.

CALIOPSIS

Blooms all summer in a dry, sunny spot. Sow in May where to bloom, thinning out to 6 inches apart.

Dwarf Mixed.

Compact, bushy 12-inch plants, covered with gay single flowers. These have overlapping, notched ray petals, and are marked with bands or contrasting centers in yellow, orange, brown, maroon and crimson.

CANTERBURY BELLS

All-America Winner. Like the well-known biennial, *Campanula Medium* single, except that they bloom in six months from seed. The plants, 2½ feet high, each produce 6 to 8 flower-spikes.

Mixed Hybrids.

Pkt. 10c; ¼oz. 40c

CARDINAL CLIMBER

The most beautiful and colorful of all annual climbers. The rapid-growing, fern-like vine attains a growth of 20 to 30 feet, and is studded with intense, fiery cardinal-red flowers, 1½ inches across, in clusters from summer to frost.

Annual Canterbury Bells



←
Callospis,
Dwarf Mixed



Browallia speciosa major



Calendula, Ball's Long Orange



CANDYTUFT

These provide very attractive margins and edgings, and superb cut-flowers. A continuous supply may be grown by successive sowings, making the first outdoors in April where the plants are to bloom, thinning to stand 8 to 12 inches apart, allowing room for full development. They like rich soil and should be watered freely. They will bloom in about 8 weeks from sowing. Also see the Perennial List.

Giant White Hyacinth-flowered.

Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.10

An extra-select free-blooming strain, with 18-inch branching plants, each branch terminating in an immense spike of snow-white florets. Best for cutting because of its branching habit and good stems.

Dwarf Mixed Umbellata.

Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. 75c

An especially fine strain with compact, uniform plants, 6 inches high, bearing quite large flower-umbels of umbrella form. These are unexcelled for bedding plants, and make admirable margins.

Mammoth Umbellata, Mixed.

Pkt. 10c; oz. 65c

Extra-large flower umbels in carmine, lilac, flesh pink and white, on 12-inch branching plants.

CARNATION

These fine strains are classed as annuals, as they bloom the first year from seed. In favorable latitudes the plants will winter over if given protection, and will flower again the next season. If the seed is started between January and March indoors and transplanted to the garden in late May, at least 6 inches apart, you will have blooms from early summer right up to frost. A sowing in April gives flowers, but not until fall. In the fall pot the plants and cut back, to bloom again indoors.

Chabaud's Giant Outdoor, Scarlet.

Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. \$1.35
These bloom in five months from the time the seed is planted, and continue throughout the summer. They are of robust, upright form and 20 inches high, each plant with 10 to 20 stalks bearing huge, strongly clove-scented, double flowers of fine form. To get largest blooms allow only one bud to a stem. Excellent for cutting.

Chabaud's Giant Outdoor Formula, Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. \$1.35

CELOSIA

The dwarf Cockscombs are very showy in the border, and the plumed, feathered varieties are especially attractive in large beds. All are useful for cutting and retain their color even when dried. For the outdoor garden sow the seed May 15, in quite rich soil, and water freely. They bloom continuously from midsummer until frost. For early flowers start the seed indoors in March and transplant.

Cristata, Dwarf Empress.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 80c
Cockscomb. Dwarf 10-inch plants with dark bronze foliage and enormous crimson heads like a cockscomb.

Cristata, Dwarf Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 80c
Cockscomb. These dwarf, 1-foot plants are very uniform, bearing bright flowers in many colors, including crimson, rose, orange, gold and white. They are fine for borders and bloom all summer.

Plumosa, Ostrich Plumed, Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 65c
These are handsome plants of symmetrical, pyramidal growth, 2 feet high, each branch topped with a richly colored plume. They make gorgeous displays in beds from July until September in crimson, fiery red, scarlet and yellow.

Pyramidalis, Flame of Fire.

Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.70
All-America Winner. Of perfect pyramidal habit, 18 inches high, with center stalk and many side branches, each topped with a round, plumed flower-head of vivid, fiery scarlet. These make striking pot-plants.

CENTAUREA

These garden favorites are easily grown, require no care, and bloom continuously. Sow in the fall, direct in the garden bed, and thin out the following spring to stand at least 10 inches apart. These will give spring flowers. Or, seed can be sown in 2-inch pots in February or March and set in the garden border in April. The seedlings do not like transplanting. Seed sown in the garden in April or May will produce flowers from summer to frost if the faded flowers are cut.

Cyanus, Jubilee Gem.

Pkt. 10c; $\frac{1}{4}$ oz. 45c

All-America Winner. Compact 12-inch plants covered with flowers. The foliage, distinct from others, forms a bright green tuft, and the very double flowers are a deep intense blue. Excellent pot-plant for a cold greenhouse.

Cyanus, Super-Giant.

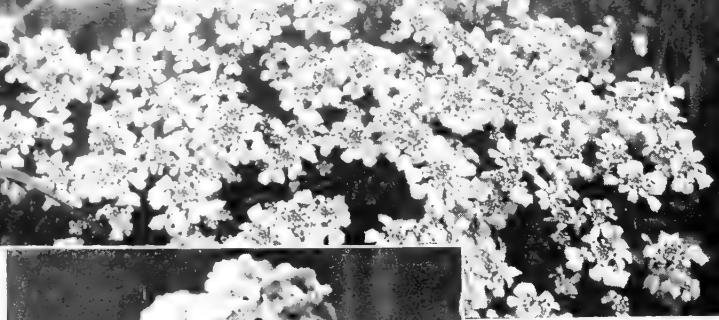
Each, pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 65c

Cornflower. This is a perfected strain, with larger, more double and more vividly colored flowers on long stems, splendid for cutting on 3-foot plants. **Blue Boy**, cornflower blue; and **Formula Mixed**.

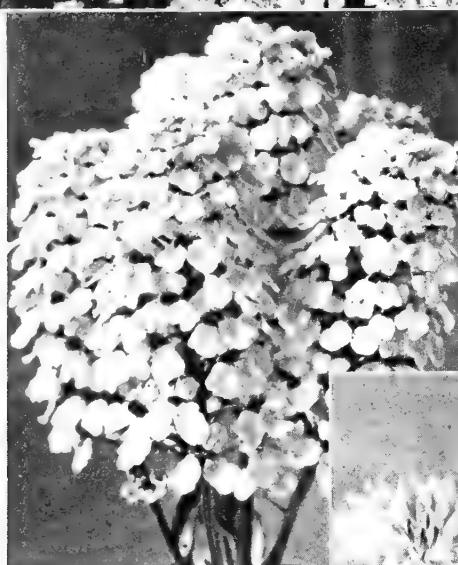
Imperialis, Mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.20

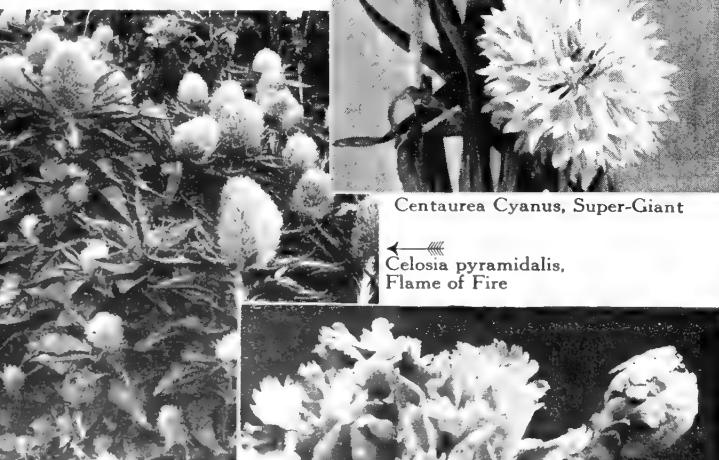
Giant Sweet Sultan. These sweet-scented, large fluffy flowers on long stems above 2½-foot plants are excellent for cut-flowers. They like a rich, loose soil and bloom from June through August.



Candytuft,
Dwarf Umbellata

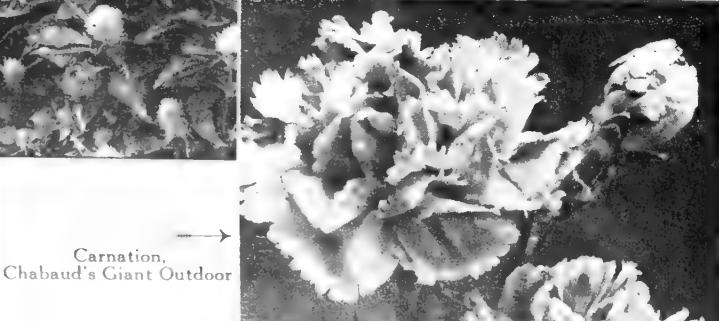


Candytuft, Giant
White Hyacinth-flowered



Centaurea Cyanus, Super-Giant

Celosia pyramidalis,
Flame of Fire



Carnation,
Chabaud's Giant Outdoor

CHRYSANTHEMUM

Showy flowers of easiest culture and fine for cutting. Sow seed outdoors in May and thin plants to 10 inches apart for bloom all summer. Pinch in early growth. For earlier flowers sow the seed indoors in March and transplant in May. For Hardy Varieties see Shasta Daisy in Perennial List.

Coronarium, Double, Mixed.

These make vigorous, rapid growth, beginning to bloom twelve weeks from seed. Strong, 3 to 4-foot plants, with very double, full-centered flowers, on long stems, in cream, lemon, buttercup, golden and bronzy yellow.

Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 65c

Carinatum, Merry Mixed.

In two months the 2-foot plants bear, on strong stems, a great profusion of daisy-like flowers, in entirely new color combinations with two zones of contrasting colors encircling the center disc.

Pkt. 10c; $\frac{1}{4}$ oz. 45c; oz. \$1.35

CLARKIA

Very effective in the garden and for cutting. It does best where summers are not too hot, and thrives in poor, sandy or ashy soil in shady locations. Sow outdoors in April, or for earlier flowers start in March indoors in pots of poor soil, transferring in the pots to the garden bed in May.

Elegans, Double, Mixed.

Long, graceful sprays of double flowers resembling cherry blossoms, coming in beautiful soft shades of many colors. The 2-foot plants make very attractive beds and if the sprays are cut before they mature they last well.

Pkt. 10c; $\frac{1}{4}$ oz. 45c

CLEOME

Spider Flower. An excellent background subject for the rear of the flower border or in bold groups.

Giant Pink Queen.

All-America Winner. A new true pink variety blooming from June to frost from seed sown early. Free from insects and disease. Height 4 feet.

Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 65c

COSMOS

These beautiful, feathery-foliaged plants produce an abundance of artistic cut-flowers in summer and fall. They are easy to grow, preferring a rather light soil, and should be pinched back when a foot high to encourage branching. For early flowers, start the seed in March in a warm temperature. The seed may be sown in the open ground after warm weather sets in, thinning to allow ample room.

Dwarf Early, Mixed.

Large flowers, 3 inches across, on vigorous, 4-foot plants in July. The flowers rival the size of the late varieties, but mature more than four weeks earlier.

Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c

Early Double, Mixed.

The 4-foot bushy plants are massed with double flowers, like anemone-flowered chrysanthemums, $1\frac{1}{2}$ to 2 inches across in July. They will come about 65 per cent double.

Pkt. 15c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 85c

Orange Flare.

All-America Winner. Masses of vivid orange blooms in less than four months from seed, produced on long stems, but the plants grow only $3\frac{1}{2}$ feet high. It likes full sun and flowers should be cut when newly opened.

Pkt. 10c; $\frac{1}{4}$ oz. 35c

Sensation, Dazzler.

Huge flowers of the true Sensation type in deep crimson-red on long stems. Excellent for cutting.

Pkt. 10c; $\frac{1}{4}$ oz. 45c

Sensation, Radiance.

All-America 1948. This new variety is the first bicolor Cosmos to be offered. The large flowers over 4 inches across have deep rose overlapping petals with a well-defined crimson center zone.

Pkt. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. \$1.10

Sensation, Mixed.

All-America Winner. These are huge flowers 4 to 5 inches across, in white, crimson and pink shades, with broad, heavy, fluted petals which slightly overlap. They are produced on long, strong stems in 10 weeks from seed, on heavily foliated 4-foot plants. They should be spaced 3 feet apart and disbudded to produce largest flowers.

Pkt. 10c; $\frac{1}{4}$ oz. 45c

CUPHEA

Cigar Plant. Seed started indoors in March produces excellent plants for spring. These set in the garden in May, are unexcelled for bedding and bloom throughout the summer.

Avalon Hybrids.

One of the newer season-long flowering annuals with curious butterfly-like flowers in lavender, lilac, pink, mauve, crimson, scarlet and white on 20-inch plants.

Pkt. 20c; $\frac{1}{8}$ oz. 75c

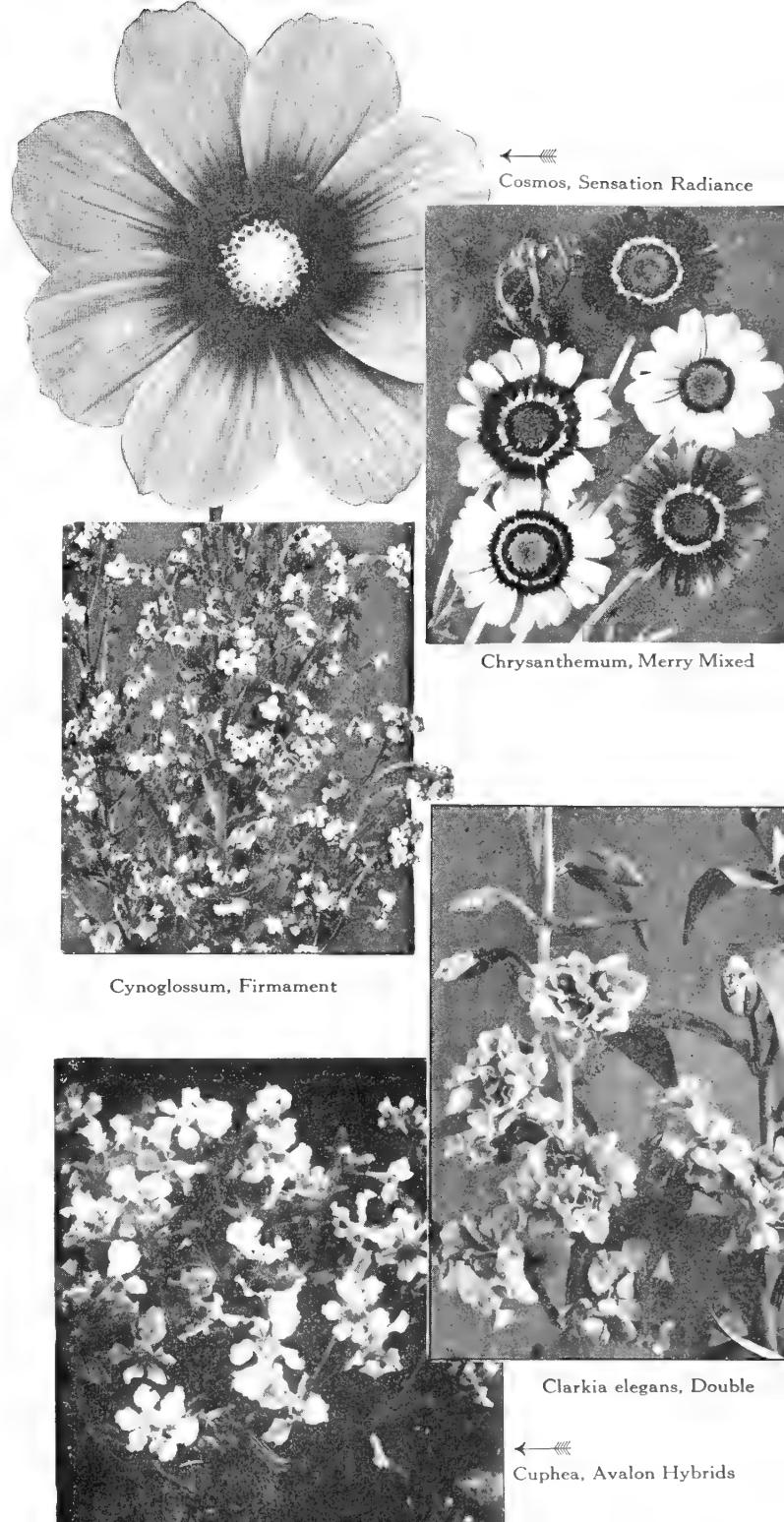
CYNOGLOSSUM

Chinese Forget-me-not. A showy, free-flowering annual of the easiest culture and very attractive.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 45c

Firmament.

All-America Winner. A new dwarf type with bushy, compact, 15-inch plants smothered with bright, rich blue flowers throughout spring and summer. Excellent for cutting, for beds, and particularly for rock-gardens.



←
Cosmos, Sensation Radiance

Chrysanthemum, Merry Mixed

Clarkia elegans, Double

←
Cuphea, Avalon Hybrids



DAHLBORG DAISY

An excellent new dwarf border annual. The thrifty 8-inch plants, 12 inches across, with finely cut foliage, are neat, uniform and attractive. They freely produce small, single, golden yellow, daisy flowers, well above the foliage, from spring continuously to frost. For spring bedding plants start the seed indoors early. It may also be sown outdoors in late April. The seed is of irregular, slow germination. Of great value for its earliness and long flowering period.

DAHLIA

These are easily raised from seed and will bloom the first year if sown indoors from February to March, and fine pot plants of Unwin's may be grown for spring from seed started in January. The tubers may be divided and potted the second year in a cool greenhouse.

Unwin's XXX Dwarf Hybrids.

An especially reselected strain with double and semi-double flowers in a great variety of colors: canary-yellow, scarlet, terra-cotta, crimson, lavender-pink, purple, maroon, buff, cream, white, etc. Produced in 3 months from seed on compact 2-foot plants. Seed sown indoors in March will grow blooming plants by the end of June. This is excellent for spring bedding.

Pkt. 15c; $\frac{1}{8}$ oz. 55c; $\frac{1}{4}$ oz. 95c

DIANTHUS

Pinks. These are fine, strong, sturdy plants, bearing their exquisitely fragrant blooms through summer to frost. Sow seed outdoors in April as soon as ground can be worked, or for earlier flowers start seed indoors in February or March, and set out in the garden when frost is over. Have the plants stand at least 6 inches apart. They like a sunny location. For Hardy Varieties see Perennial List.

Chinensis, Double Mixed.

China Pinks. Very double flowers of many bright colors, borne profusely in large clusters on strong, 18-inch plants.

Double Fringed Japanese Pinks. Wonderful, Mixed.

A very fine mixture of Double Fringed Japanese Pinks with large, double, deeply cut flowers on stiff, upright stems, ranging from white to purplish red on 12-inch plants.

Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.10

Pkt. 10c; $\frac{1}{4}$ oz. 55c; oz. \$1.65

Heddensis, Mixed.

A new tetraploid strain with the large open flowers of the Japanese Pinks and the strong rugged growth and long stems of Dianthus Chinensis. The well formed, 2-inch flowers are produced in large numbers on 16-inch stems fine for cutting. This is more tolerant of extreme temperatures than either of its parents.

Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 65c

Westwood Beauty.

All-America Winner. A beautiful new type with large single open, deeply laciniated flowers, from $1\frac{1}{2}$ to $2\frac{1}{4}$ inches across, in variable shades of crimson on unusually long stems, fine for cutting. Height 15 inches.

Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 65c

DIDISCUS

An easily grown annual which is excellent for cutting, blooming from July until frost. Start the seed indoors in March for earliest flowers, or sow outdoors in a well-prepared bed early in May.

Cærulea.

Blue Lace Flower. Pale azure-blue, lace-like, umbel-shaped flowers on long stems, on free-flowering, $1\frac{1}{2}$ -foot plants.

Pkt. 10c; $\frac{1}{4}$ oz. 45c

DIMORPHOTHECA

African Daisy. Interesting and attractive flowers which make very rapid growth and will bloom outdoors in six weeks from an April sowing. Blooms all summer if given a sunny location.

Aurantiaca, Mixed.

Daisy-like flowers, $2\frac{1}{2}$ inches across, with dark centers and long narrow incurving petals, on thin wiry stems held above nice bushy plants, 12 to 15 inches tall. They last quite well as cut flowers.

Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c

ESCHSCHOLTZIA

California Poppy. Easily grown, gorgeous flowers which are ideal for beds, mass plantings and for cutting. If cut in bud they will open in water and will last longer. Sow the seed in April or May in a sunny garden bed, and thin out seedlings to give ample room. They will bloom continuously from June until frost. An outdoor late fall sowing will provide earliest flowers the following spring.

California Hybrids, Mixed.

The utmost in California Poppies. A dwarf, erect strain on 1-foot plants, with beautiful lace-like, silvered foliage. The single flowers come in lovely shades of soft pink, scarlet, chrome, copper-red, claret, and royal purple.

Pkt. 10c; $\frac{1}{4}$ oz. 45c; oz. \$1.35

EUPHORBIA

Very showy, with ornamental foliage suitable for tall beds or mixed borders. Sow outdoors in April.

Variegata.

Snow-on-the-Mountain. Strong, 2-foot bushy plants with wide green leaves veined and margined with white.

Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. 65c

GAILLARDIA

Blanket Flower. These provide a continual show of bright flowers from early summer until frost. Sow seed in April or May where the plants are to bloom. For Hardy Varieties see Perennial List.

Lorenziana, Double Mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.10

Bright, double ball-flowers in orange, yellow, red and rose shades. These 1½-foot bedding plants freely produce the flowers from midsummer to frost, on fine stems. They stand drought well.

GLOBE AMARANTH

Gomphrena. A showy annual with clover-like heads from July until frost. Sow the seed outdoors in May in a sunny spot. Provides cut-flowers for bouquets and Everlasting Flowers for winter use.

Dwarf Purple.

Pkt. 10c; $\frac{1}{4}$ oz. 45c; oz. \$1.35

This is a dwarf strain freely produced on robust 6 to 8-inch plants, with strawy, clover-like, purple flower-heads. Fine in the dwarf border and rock-garden, but especially valuable for pot-culture.

Purplish Red.

Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c

This is the best-known and perhaps most popular variety. The clover-like heads on 1-foot plants are red-purple.

Globe Amaranth, Mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c

Free-flowering 18-inch plants producing clover blooms of purple-red, pink, orange, and white striped violet.

GORDS, ORNAMENTAL

Quite popular for ornamental use. Climbers, growing 15 to 20 feet, with ornamental foliage and singularly shaped fruits. Sow after danger of frost in a warm, sandy, very well-drained location. When matured, dry and hard, clean the Gourds and give a light coating of varnish or shellac.

Small Varieties Mixed.

Many interesting and varied forms and colors. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. 65c

GYPSOPHILA ELEGANS

Baby's Breath. Feathery panicles of small star flowers, gracefully borne on slender stems on 1½-foot plants. They are excellent for cutting to mix with other flowers. Sow at intervals where intended to bloom and thin out the plants to permit full development. They are of easy culture, like a sunny, well-limed soil and bloom in six weeks. For Hardy Varieties see Perennial List.

White Covent Garden Market, Reselected.

Pkt. 10c; oz. 35c

A new, improved, big-flowered pure white strain which is unsurpassed for form of plant and size of bloom. A very high percentage of the flowers are 6 to 8-petaled and on nice long stems. This is an unusually fine strain and the plants grow 2 feet high.

HELIANTHUS

Sunflower. These are free-flowering, and thrive in any garden soil if located in a sunny position.

Sun Gold.

Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. 95c

Fully double, golden yellow, Chrysanthemum-like 4-inch flowers. Sow outdoors in May for August bloom. Ht. 4 ft.

HELICHRYSUM

Strawflower. One of the best of the Everlasting Flowers. They succeed in any good garden soil, blooming throughout summer and fall. Sow the seed in May and thin plants to stand 1 foot apart. The 2½-foot plants are very free flowering with large, double, brilliantly colored blooms which make a fine display. Useful for cutting as well as for winter bouquets of Everlastings. For this, cut the flowers before the centers open; dry, hanging upside down in a cool, dark place.

Monstrosum, Mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 55c

HELIOTROPE

A well-known plant, highly prized for the delightful fragrance of its flowers. Seed started indoors in February or March will make nice plants for summer blooming. Fine for both pot-plants and bedding.

Giant Hybrids, Dark Varieties.

Pkt. 15c; $\frac{1}{6}$ oz. 60c

Very large, delightfully fragrant flower heads in dark blue-purple shades on strong plants, growing 2 feet high.

FLOWER GARDEN MIXTURE. A mixture of annuals for both borders and cut-flowers. Oz. 50c



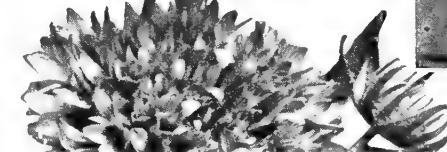
Gourds,
Ornamental



Gaillardia Lorenziana, Double



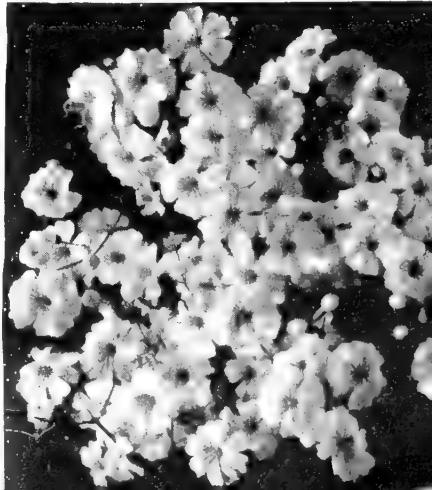
Helichrysum monstrosum
Mixed

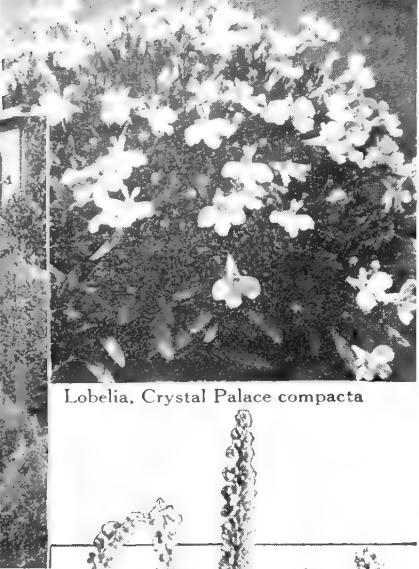


Gypsophila elegans, White Covent
Garden Market, Reselected



Globe Amaranth

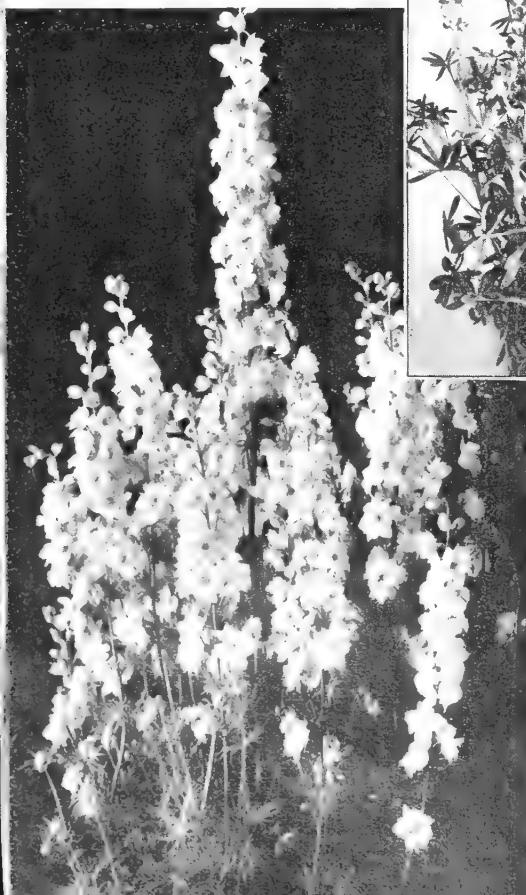




Kochia trichophylla



Lobelia, Crystal Palace compacta



Larkspur, Giant Imperial
White King

KOCHIA

Summer Cypress. Sow in April or May in the garden where to bloom, thinning out to allow room.
Trichophylla.

The light green pyramidal bushes, close and compact, may be grown singly or in the form of a hedge or background and may be clipped to resemble an ornamental evergreen. In autumn the 3-foot bushes turn beautiful deep red.

Pkt. 10c; oz. 35c

LANTANA

This is a showy half-hardy plant of rapid growth, fine for pot-culture in the winter or for garden beds in the summer. Start the seed indoors in February and give bottom heat. The seed is slow to germinate.

Dwarf Bedding Hybrids.

Compact 1-foot plants, bearing miniature verbena-like flowers in white, yellow, orange, rose, and scarlet.

Pkt. 15c; 1/4oz. 75c

LARKSPUR

No garden is complete without a liberal showing of this graceful, attractive double flower. It is unexcelled for cutting and with its many soft colors makes delightful beds for the garden. For early outdoor bloom start the seed about March 1 indoors in flats; these plants can be set out in the garden in late April or May, as soon as the ground is ready, and will bloom from late June on. They must be grown cool and in good, but not over-rich soil. A later sowing may be made direct in the open ground in April or May, and again in late fall for an earlier display in the following spring. Before seeding in hot weather it is best to chill the seed for several days.

Giant Imperial Varieties.

This is a magnificent base-branching strain with sturdy, upright, compact plants, 3 to 4 feet high. The fernlike foliage is attractive and the tapering flower spikes are crowded with double florets.

Blue Bell. All-America Winner. Azure-blue.

Blue Spire. Deep Oxford blue.

Brilliant Rose. Deep salmon-rose suffused carmine.

Carmine King. Deep carmine-rose.

Dazzler. Rich scarlet.

Exquisite Pink Improved. Soft salmon-pink.

White King. All-America Winner. Pure white.

Each, pkt. 15c; 1/4oz. 55c; oz. \$1.65

Exquisite Rose. Rose-pink.

Gloria Improved. Deep salmon-rose.

Lilac King. The best rich lilac.

Los Angeles Improved. Brilliant pink on salmon.

Miss California. Deep rose on salmon.

Rosalind. Rose suffused salmon. Shatter-proof.

Giant Imperial, Special Mixed.

An especially fine mixture of the colors in this class, and each is proportioned according to its popularity. This is largely used for mass plantings in the garden and for cutting borders.

Double Stock-flowered, Mixed.

The fern-leaved plants are vigorous and free flowering, 3 to 4 feet high, with candelabra-like trusses of beautiful flowers ideal for cutting and for tall borders. The long stems are covered with fully double flowers.

Pkt. 15c; 1/4oz. 55c; oz. \$1.65

Pkt. 10c; 1/4oz. 40c; oz. \$1.20

LOBELIA

An ideal edging and pot-plant, forming small, round compact plants, covered with blooms. The seed should be planted indoors in January to produce well-flowered pot-plants for spring. A February or March seeding will provide plants for outdoor spring bedding to bloom from July to frost.

Crystal Palace, compacta.

An exceptionally fine variety, producing 4-inch plants with dark bronzy green foliage and dark blue flowers.

Pkt. 15c; 1/8oz. 40c

LUPINUS HARTWEGI

Lupine. Easily grown annuals with dark, glossy foliage and long, graceful spikes of pea-shaped flowers in delightful colors from June to September. Sow seed in April or May in partial shade, where plants are to remain, and thin out to 15 to 18 inches apart, as they do not like transplanting.

Giant King Hybrids, Mixed.

All-America Winner. The very finest strain, with 3 1/2-foot base-branching plants, each producing 4 to 6 very long, erect spikes covered with large dark blue, sky-blue, rose, and white flowers. Like well-drained, sandy soil.

Pkt. 10c; 1/4oz. 35c; oz. \$1

ANNUALS FOR ROCK- GARDENS

Ageratum	Dianthus	Petunia
Alyssum	Dimorphotheca	Phlox drummondii
Anagallis	Eschscholtzia	Portulaca
Begonia, Bedding	Globe Amaranth, Dwarf	Salvia, St. John's Fire
Browallia	Lobelia	Scabiosa, Tom Thumb
Candytuft umbellata, Dwf.	Marigold, Dwarf	Snapdragon, Miniature
Cynoglossum	Nierembergia	Torenia
Dahlborg Daisy	Pansy	Verbena

MARIGOLDS

One of the most satisfactory and easily grown annuals, showing its decorative flowers from midsummer until late fall. Sow seed outdoors in May or indoors in March and transplant, allowing ample room for development. Caution—avoid heavy manuring, too much water, and crowding plants closely.

SMALL-FLOWERED VARIETIES

These are the varieties which make such interesting, colorful dwarf beds. They are also valuable for small pot-plants and for this should be started in January and grown in a warm temperature. For bedding plants start the seed indoors in March, and for outdoor culture sow in the garden in May, thinning to stand 1 foot apart.

Extra-Dwarf Double French.

A fine new early-flowering strain bred by careful selection to produce neat 9-inch plants, uniform and bushy, which bear a profusion of very early, double flowers.

Butterball.

All-America Winner. Plants 6 to 8 inches high and 2-inch flowers with crested centers of soft butter-yellow petals tipped maroon, flanked by broad, butter-yellow guard petals. Early flowering plants fine for pots.

Gold Crest.

Bright golden yellow, 2 inch flowers with full crested center surrounded by guard petals. Free flowering, dwarf, compact, 9-inch plants show their bloom very early.

Spry.

All-America Winner. Very dwarf, compact 9-inch plants, 15 inches across, excellent for pots and borders. The flowers, produced most freely of all Marigolds, are 1½ inches across with bright clear yellow crested centers surrounded by mahogany-red guard petals. The blooms begin in 9 weeks from seed and later cover the plants.

Sunkist.

All-America Winner. Deep golden orange, 2-inch blooms with crested center of tubular petals flanked by broad deep orange guard petals covering 6 to 8-inch, mounded plants. Early; fine for pots and window-boxes.

Yellow Pygmy.

All-America Winner. Free-flowering, dwarf, compact, 8-inch plants with small double light yellow flowers, 1 inch across. Very fine for pot-culture, borders and edgings.

Extra-Dwarf Double French Mixed.

These are splendid for mixed edgings or low borders and include many bright interesting colors.

Dwarf Double French.

The well-known strain with 12-inch compact bushy plants covered with fully double flowers, 1¾ inches across, from early summer through fall. These make very colorful, showy borders.

Harmony.

Popular favorite with deep orange crested center petals flanked by broad, dark maroon-brown guard petals.

Scarlet Glow.

All-America Winner. Fully double flowers, 1¾ inches across, opening deep scarlet and aging rich tangerine, borne on dwarf, 10-inch plants, 18 inches across. The brightest red in this class with stems long enough for cutting.

Dwarf Single French.

These have the same compact free-flowering habit of the double form but with uniform, single flowers in bright colors. The plants become literally covered with bloom continuing right up to frost.

Flash.

All-America Winner. Large single flowers, 1¾ inches across, in 8 weeks after sowing seed. The colors range from vivid red through bronze, with a few yellows to give a harmonious contrast. Most flowers are tangerine overlaid or marked with Marigold-red. The compact 18-inch plants, make colorful borders and furnish fine cut-flowers.

Gnome (Tagetes).

Gay, single deep orange flowers on 6-inch plants, which spread 8 to 10 inches, covered with bloom up to frost.

Naughty Marietta.

Fine single, golden yellow flowers blotched with maroon at the center, over 2 inches across. The 15-inch plants bear a profusion of sunny cheerful flowers right up to frost.

MARIGOLDS, LARGE-FLOWERED VARIETIES

Many of the improved Marigolds are odorless and of more interesting flower form and plant habit.

African Super Alldouble.

All flowers, without exception, are huge, perfectly formed, double quilled heads and held erect on strong, 3-foot plants. **Super Alldouble Orange**, and **Super Alldouble, Mixed**.

Dwarf Giant, Gypsy Jewels.

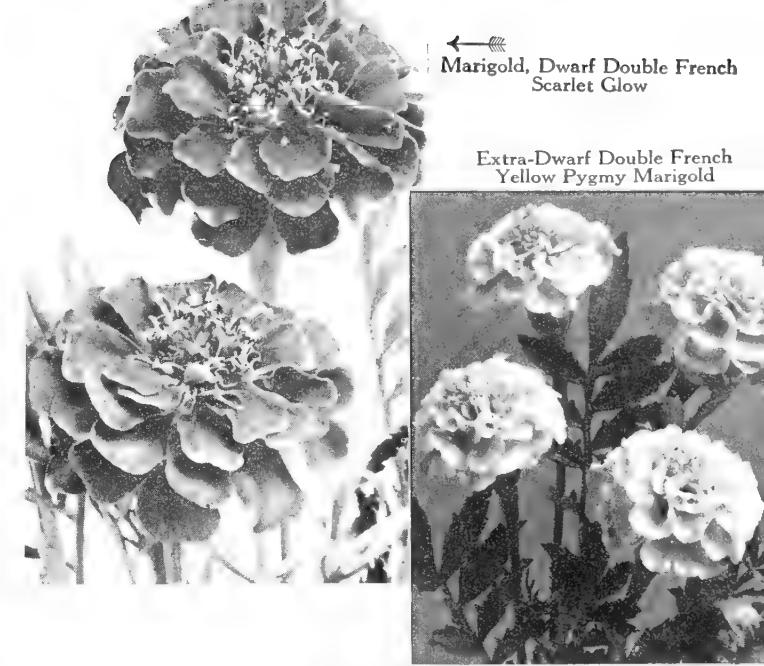
Odorless, full-double flowers, 4 inches across in brilliant shades of orange yellow and primrose appearing very early on 12 to 15-inch, sturdy, compact plants which are very free-flowering.

Dwarf Giant, Pot o'Gold.

The brilliant deep golden orange flowers, over 4 inches across, appear earlier than any other Marigold. The dwarf compact plants, 12 to 15 inches high, each bear a dozen or more large blooms at one time and all come 100% double.

← Marigold, Dwarf Double French
Scarlet Glow

Extra-Dwarf Double French
Yellow Pygmy Marigold



Marigold, Dwarf Single French Naughty Marietta



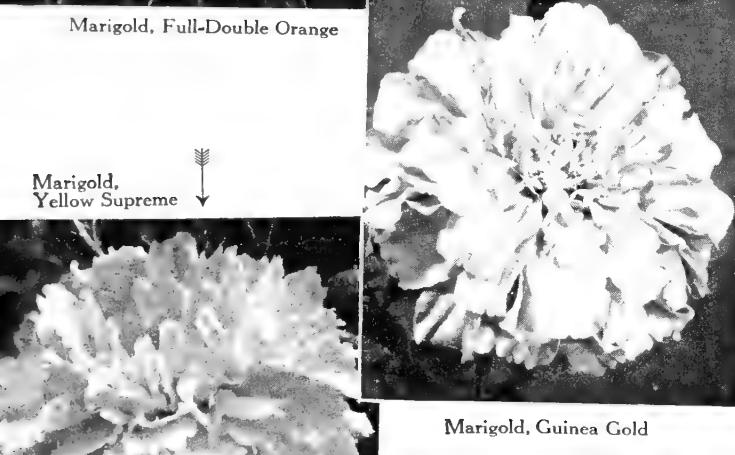
→ Marigold,
Extra-Dwarf Double French, Spry



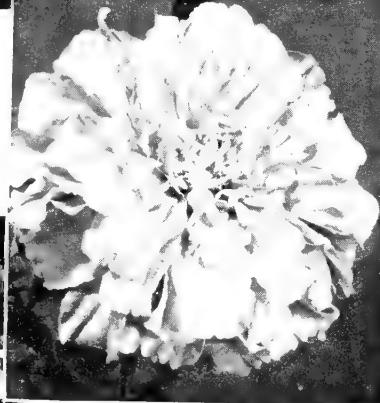
Marigold, Full-Double Orange



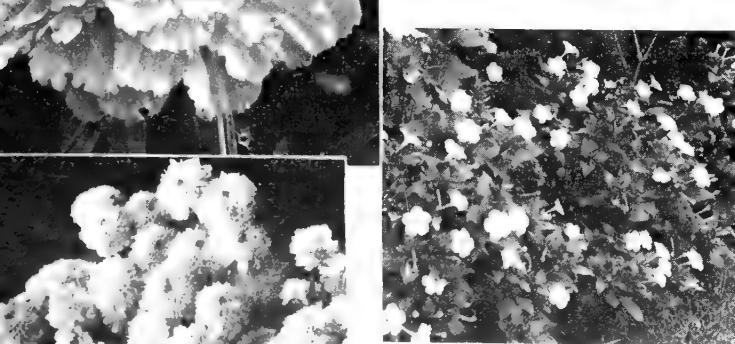
Marigold, Mammoth Mum



Marigold,
Yellow Supreme



Marigold, Guinea Gold



Marvel of Peru
Four O'Clock
Dwarf Mixed



←
Matricaria
Ball's Double White

MARIGOLDS, LARGE-FLOWERED VARIETIES, continued

Burpee Gold.

Pkt. 10c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c
Very large, odorless, carnation-like, full double deep orange flowers, $3\frac{1}{2}$ inches across, freely produced on 2 to $2\frac{1}{2}$ -foot strong, branching plants. They are unusually fine for garden specimens and for cutting.

Full-Double Orange.

Pkt. 15c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$1.10
Extremely large, rich orange, sweet-scented flowers, often over 5 inches across, borne on $2\frac{1}{2}$ to 3-foot, very robust plants. They are much admired in the border and are unusually fine as cut flowers.

Guinea Gold.

Pkt. 10c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 65c; oz. \$1.95
All-America Winner. This is extremely popular and excellent for both cut-flowers and garden display. The very brilliant, orange, double flowers are flushed with gold and have ruffled, loosely placed petals. The flowers are 3 inches across and bloom freely on graceful pyramidal plants, $2\frac{1}{2}$ feet high.

Mammoth Mum.

Pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{4}$ oz. \$1
All-America Winner. This is the largest of the incurved Chrysanthemum-flowered Marigolds. The strong, bushy, 3-foot, erect, dark-foliaged plants from August to frost bear long-stemmed, fluffy, ball-like, pale sulphur-yellow flowers of huge size, $3\frac{1}{2}$ to 4 inches across and 2 inches deep. These blooms are magnificent for cutting and make a striking display.

Mission Giants.

Each, pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c
Almost perfect, ball-shaped Chrysanthemum-like flowers, 3 to 4 inches across, with incurved petals on vigorous, base branching $2\frac{1}{2}$ -foot plants. The long stems make excellent cut flowers. **Goldsmith**, rich golden orange; and **Yellowstone**, clear golden yellow.

Sunset Giants, Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c
They are loosely formed and very full centered, 5 inches across, with broad heavy petals overlapping to make a flower of great depth. They have a definite sweet fragrance and come in shades of orange and yellow in great profusion on robust plants $3\frac{1}{2}$ to 4 feet high.

Yellow Supreme.

Pkt. 10c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c
All-America Winner. This strain has large, fluffy, well-rounded carnation-like flowers of a delicate sweet fragrance, with broad, loose, frilled petals of a rich, creamy lemon-yellow color. The $2\frac{1}{2}$ -foot plants are remarkably healthy, vigorous and branching, with foliage practically free from odor.

MARVEL OF PERU

Four O'Clock. This is an old-fashioned annual of bushy habit and is frequently used to form a hedge. The flowers open in late afternoon. Sow seed outdoors in April in a sunny location.

Four O'Clock, Fine Mixed.

Pkt. 10c; oz. 55c
Bushy, 2-foot plants with glossy foliage dotted with hundreds of single flowers in white, yellow, red, rose and blue.

Four O'Clock, Dwarf Mixed.

Pkt. 10c; oz. 55c
This is a dwarfer strain with 12 to 15-inch plants, producing flowers of bright, varied colors.

MATRICARIA

Feverfew. A half-hardy perennial but best treated as an annual. Neat, small, double flowers in profusion from June to November. Splendid for beds and particularly for cutting.

Ball's Double White Select.

Pkt. 25c; $\frac{1}{16}$ oz. 75c; $\frac{1}{8}$ oz. \$1.35
The only fully double, pure white Feverfew from seed. A profusion of small, compact, completely double flowers that hold up well in handling. Seed started indoors in January or February produces a full crop of flowers outdoors from June to November. Height 2 feet.

MESEMBRYANTHEMUM

Livingstone Daisy. Slightly spreading plant covered with small flowers in a range of delightful shades.

Criniflorum, Mixed.

Pkt. 15c; $\frac{1}{16}$ oz. 45c; $\frac{1}{4}$ oz. \$1.35
Plants of slightly spreading habit of growth and well covered with daisy-like flowers.

MIGNONETTE

Sow the seed outdoors in April in a half-shaded location, where, if possible, it gets the morning sun. Thin out to stand 1 foot or more apart, as they resent transplanting. Sow in July for late bloom.

Old-Fashioned Sweet-Scented.

Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 55c
The old-fashioned variety, with small spikes produced in large numbers. Is unusually sweet-scented. Height 1 foot.

MOONFLOWER

A rapid-growing annual climber, frequently used for covering garden houses, fences, etc. Notch the seed and soak it in warm water overnight to hasten germination. For early bloom start indoors in March, and set out in the garden when frost is past; or sow direct to the garden bed in May.

Giant White

Grows from 20 to 30 feet, and on dull days or at night the plants are covered with fragrant, white, 5-inch flowers.

Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 55c

MORNING-GLORY

One of the most free-flowering and rapidly growing plants for shading porches and covering trellises. Prefers poor soil. Notch the seed and soak overnight in warm water to hasten sprouting. Plant outdoors in May, or for earlier flowers start indoors in pots March 15th, and later set out in the garden.

Cornell.

The large bright carnelian-red flowers, edged pure white, appear early and cover the vigorous vines.

Pkt. 15c; $\frac{1}{4}$ oz. 65c

Heavenly Blue, Early-flowering.

This is by far the most beautiful and most popular of all. The huge blossoms, 4 to 5 inches across, of clear sky-blue with cream-colored throats, make a marvelously beautiful contrast with the green foliage. The many-leaved plants are at times literally covered with flowers in their refreshing beauty.

Pearly Gates.

All-America Winner. Huge lovely, lustrous white flowers with creamy shading down in the throat. They are 4 inches across and literally cover the fast-growing, vigorous vines from July to frost.

Scarlett O'Hara.

All-America Winner. Deep rosy crimson, 4-inch flowers, freely produced in 2½ months from seed.

Pkt. 15c; $\frac{1}{4}$ oz. 45c; oz. \$1.35

Dwarf Royal Ensign.

Here is an unusually attractive, dwarf, bedding plant and excellent as a pot-plant. It is very compact, 6 to 8 inches high, and bears, from June to September, a succession of small Morning-Glory flowers of bright ultramarine-blue with rich golden throats. These remain open all day long.

Pkt. 15c; $\frac{1}{4}$ oz. 60c

NASTURTIUM

These will grow on poor soils where other plants fail, including dry sand or gravel banks. They are of the easiest culture and will produce a great profusion of brightly colored flowers within a few weeks after the seed is sown, and continue up to frost. Sow outdoors in April or May. To prevent aphids from coming on the plants, scatter a few moth balls on the ground below the plants.

Dwarf, Single Mixed.

These are the well-known singles, both plain and fancy-leaved, 1 foot high, with a great variety of color.

$\frac{1}{4}$ oz. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.10

Dwarf, Semi-Double Gem, Mixed.

This is a very well-balanced mixture of the above varieties, and makes a bright, colorful border.

$\frac{1}{4}$ oz. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.30

Double Gleam Hybrids, Mixed.

The large, sweet-scented flowers are uniformly double, and borne on erect, stiff stems above the large, vigorous, semi-dwarf bushes which throw out short runners. They come in a nice array of colors.

$\frac{1}{4}$ oz. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.10

NEMESIA

These easily raised annuals bloom from June to September if in a cool location. They dislike hot, dry weather. The compact plants bear orchid-like flowers often $\frac{3}{4}$ -inch across, in splendid colors.

Dwarf Hybrids Mixed.

The dwarf 8-inch plants branch freely from the base, with attractive flowers, fine for pot culture in a 40 to 50-degree greenhouse. If started in January or February and forced but kept cool, they will be in bloom for late April or May. Pinching back plants once is advisable. For outdoor bloom sow the seed indoors about March 1st, and harden off plants for setting out in the garden in May.

Pkt. 15c; $\frac{1}{16}$ oz. 40c

NICOTIANA

Flowering Tobacco. A very desirable, easily grown annual, making wonderful showy displays from June until frost. Sown outdoors in May and thinned to stand 9 inches apart, it thrives in rich soil and full sun. The flowers open toward evening, when they scent the air with delightful perfume.

Affinis, White.

Pure white flowers, not unlike a Petunia, but with a longer tube and held in clusters on 2½ to 3-foot plants.

Pkt. 10c; $\frac{1}{4}$ oz. 35c

Affinis Hybrids.

Clusters of sweet-scented trumpet flowers in shades of pink, red, blue, and pure white. Height 3 feet.

Pkt. 10c; $\frac{1}{4}$ oz. 35c

Crimson Bedder,

This is a dwarf variety with clusters of bright pale crimson flowers on large-leaved plants, 15 inches high.

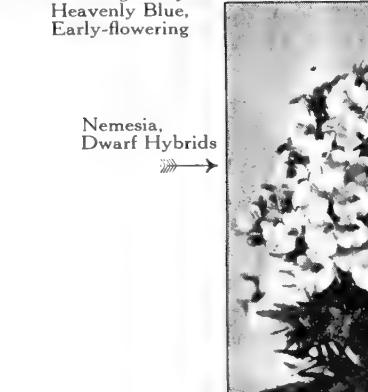
Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 80c



Dwarf Morning-Glory, Royal Ensign



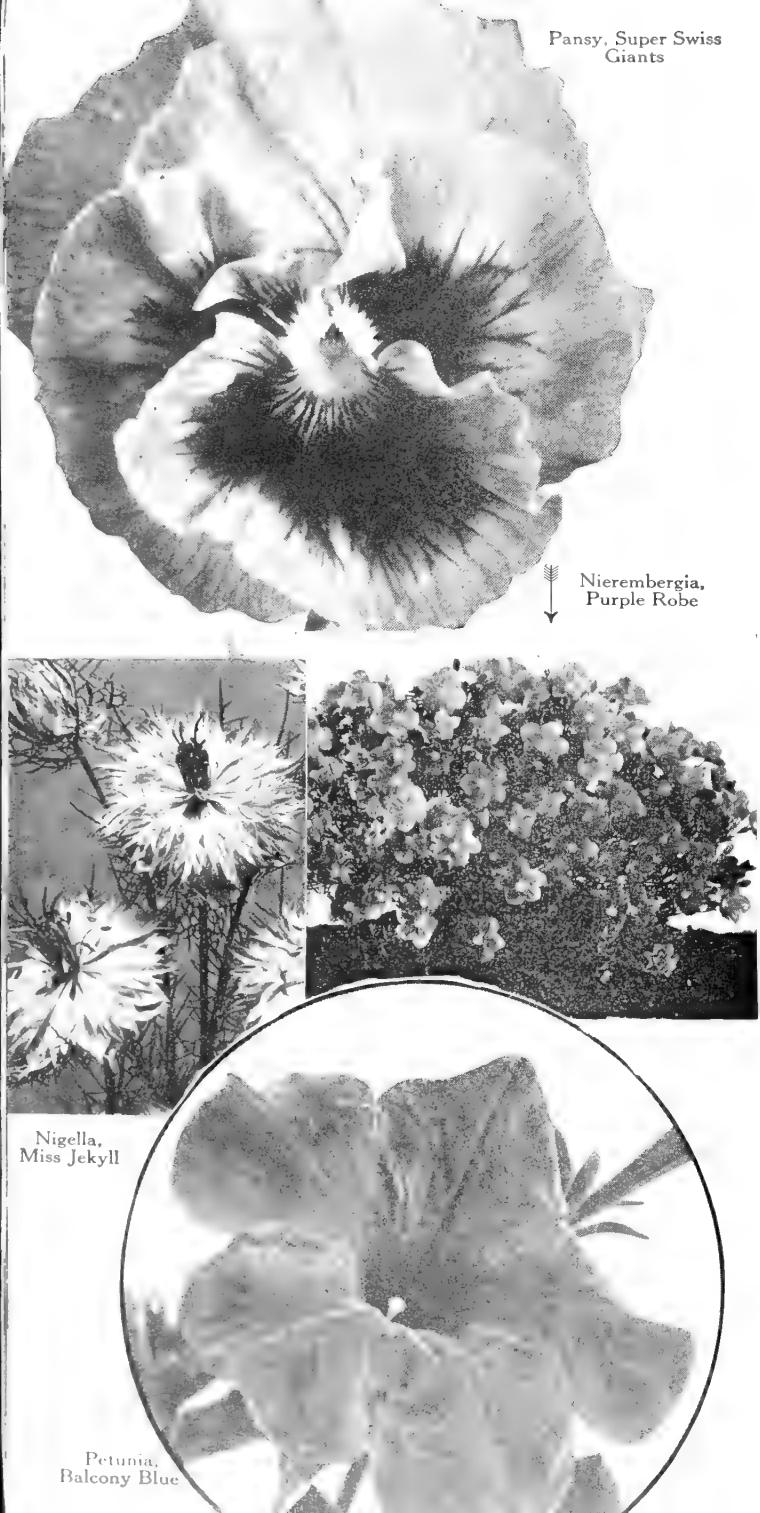
Morning-Glory, Pearly Gates



Nemesia,
Dwarf Hybrids



Moonflower, Giant White



Pansy, Super Swiss
Giants

NIEREMBERGIA

Cup Flower. Without exception this will outbloom any other flower if properly grown. Fine for pot-culture when started in early January, or for bedding plants if started in February.

Purple Robe.

All-America Winner. A fine deep violet-purple resembling Hippomanica but the color does not fade even in hot summer. The 6-inch plants, 10 inches across, bloom very freely beginning 15 weeks from seed including the 3-week germinating period. Much admired as edging or rock-garden plants.

Pkt. 20c; 1/128 oz. 70c; $\frac{1}{8}$ oz. \$1.35

NIGELLA

Love-in-a-Mist. A fine annual for bedding and borders, but particularly as a cut-flower. It blooms from May to September and the seed may be sown outdoors in April.

Miss Jekyll.

Bushy plants, 1½ feet high, with slender, mist-like foliage and clear cornflower-blue flowers on long stems.

Pkt. 10c; $\frac{1}{8}$ oz. 45c

PANSY

These are strictly biennials, but as they flower easily the first season from seed they are often started indoors in February or March to bloom outdoors from July on. Most plants are grown from seed sown in frames during July and August, transplanted later and wintered over with protection, to give full-flowering plants by the following May. If Pansy seed is sown in the garden bed in May, some beautiful flowers are produced on the plants by fall of the same year. They like a rich, loamy soil and full sun.

Engelmann's Giant.

(Originator's Seed) Pkt. 35c; $\frac{1}{8}$ oz. \$1.45; $\frac{1}{8}$ oz. \$2.70; $\frac{1}{4}$ oz. \$5

This strain is very vigorous growing, compact, and early flowering. It produces very huge, well-formed flowers in a great variety of shades, both dark and light, all of the blotched type.

Pkt. 25c; $\frac{1}{8}$ oz. 95c; $\frac{1}{8}$ oz. \$1.80; $\frac{1}{4}$ oz. \$3.25

Forbes Big Beauties.

These are enormous flowers, often 4 inches across, with perfectly round, overlapping petals, on strong stalks, above stocky, compact plants of great vigor. The wonderful array of colors includes bronze, silver, gold and copper—wine-red, pink, salmon, silver-gray, brown, Indian red, steel blue, dark blue, and a good percentage of rich yellow. The blooms are beautifully blotched, mottled and bordered.

Super Swiss Giants, Mixed

Pkt. 25c; $\frac{1}{8}$ oz. \$1.10; $\frac{1}{8}$ oz. \$1.95; $\frac{1}{4}$ oz. \$3.75

This is a magnificent blend and far surpasses in quality and range of color any other Swiss Giant mixture. The plants are more compact and most of the flowers are beautifully frilled. They are of perfect form, with thick, velvety, rounded petals in a color-range beyond belief, many 5-blotted.

PETUNIA

For a gorgeous display of color from early summer to frost, there is nothing to compare with the Petunia. Thriving in most soils and under varied conditions, it gives more genuine satisfaction and pleasure than any other flower. Petunias are ideal for many purposes—as bedding plants for edging; for color accents in the mixed border; for the rock-garden, window-boxes, and for pot culture. The many classes or types of this versatile flower have been improved to a high degree, and today there is no lack of ideal varieties to suit each requirement. In January or February sow the seed of pot-plant varieties indoors to have flowering plants ready for spring. For well-grown spring bedding plants start the seed indoors in February or March. Don't over-cover the seed, and 60 to 70-degree temperature gives the best germination. Transplant the seedlings to flats of fairly stiff soil and grow cool, on the dry side, and close to the glass. This avoids soft, overgrown plants. The Balcony and Bedding varieties may also be sown in May direct to the garden bed and thinned out to stand 10 to 12 inches apart.

BALCONY

This type has long, sprawling plants over 18 inches high, with single flowers 3 inches across. They are excellent for window-boxes and where outdoor summer conditions are most trying.

Balcony Black Prince.

Rich, velvety crimson-red of true balcony habit. Comes practically 100 per cent true and is finest of this color.

Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{8}$ oz. 80c; $\frac{1}{8}$ oz. \$1.55

Balcony Blue.

This is the most popular color of all Balcony Petunias, and produces large, attractive flowers of velvety violet-blue.

Pkt. 15c; $\frac{1}{8}$ oz. 70c; $\frac{1}{4}$ oz. \$2.10

Balcony Crimson, Rose and White.

Each, pkt. 15c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$1.95

Balcony Formula, Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$1.95

This is a specially proportioned mixture which we make from the separate colors. It contains one part Black Prince, five parts Blue, two parts Cornflower Blue, two parts Crimson, four parts Rose and two parts White.

PETUNIA, SINGLE DWARF BEDDING

These, the most popular of all for bedding, are also known as the *Hybrida nana compacta* class. The plants are dwarf and compact, from 9 to 13 inches high, and covered with a multitude of flowers.

Admiral, Reselected.

The most attractive of all dwarf blue bedding Petunias, having large, rich violet-blue flowers with waved edges.

Not available

Celestial Rose, Improved.

This is a select strain with rich, satiny deep rose flowers on free-flowering, uniformly dwarf plants.

Pkt. 15c; $\frac{1}{16}$ oz. 70c; $\frac{1}{4}$ oz. \$2.10

Cheerful.

Not available

All-America Winner. Clear salmon-pink with a satiny sheen and deeper rose veining toward the throat. The $2\frac{1}{2}$ -inch blooms are produced on plants which first grow low, spreading close to the ground and later form dense compact mounds, 10 to 12 inches high and 2 feet across.

Cream Star.

All-America Winner. Five-pointed, star-shaped flowers, $2\frac{1}{2}$ inches across, of rich cream deepening to a golden yellow throat, produced in great abundance on very compact plants.

Pkt. 20c; $\frac{1}{16}$ oz. 85c; $\frac{1}{8}$ oz. \$1.55

Glow.

All-America Winner. A striking, glowing carmine-rose with distinct white throat and a much stronger color than Celestial Rose. The plants are of extra-strong growth but of dwarf habit.

Heavenly Blue, Selected.

This is a very fine strain and comes true to color. Good-sized flowers of medium to light, clear silver-blue.

Pkt. 15c; $\frac{1}{16}$ oz. 65c; $\frac{1}{4}$ oz. \$1.95

King Henry.

A very dwarf, compact plant with small, rich velvety blood-red flowers. Fine for low beds.

Pkt. 25c; 1/128 oz. 65c; $\frac{1}{4}$ oz. \$1.20

Peach Red.

All-America Winner. A new, unique color—salmon-cerise. The strong plants are 15 inches high, with a profusion of 2-inch flowers in salmon, overlaid with rosy cerise.

Pkt. 20c; $\frac{1}{16}$ oz. 45c; $\frac{1}{16}$ oz. \$1.20

Rose of Heaven, Dwarf Selected.

A well-known standard rose-pink variety for bedding, on dwarf, compact plants.

Pkt. 15c; $\frac{1}{16}$ oz. 70c; $\frac{1}{4}$ oz. \$2.10

Rosy Morn Improved.

Bright rosy pink flowers with white throat. The plants are dwarf and compact and very uniform.

Pkt. 15c; $\frac{1}{16}$ oz. 70c; $\frac{1}{4}$ oz. \$2.10

Salmon Supreme.

All-America Winner. An appealing, definite salmon-pink on exceptionally uniform, dwarf plants.

Pkt. 20c; $\frac{1}{16}$ oz. 60c; $\frac{1}{16}$ oz. \$1.70

Snow Queen.

This is a beautiful pure white strain with fairly dwarf, uniform, free-flowering plants.

Pkt. 15c; $\frac{1}{16}$ oz. 85c; $\frac{1}{4}$ oz. \$1.70

Topaz Queen.

Exceptionally fine for plantings in full blazing sun, as its brilliance does not fade. The color is glowing carmine-rose with a distinct orange-scarlet overtone. The plants are dwarf and compact.

Pkt. 15c; $\frac{1}{16}$ oz. 70c; $\frac{1}{4}$ oz. \$2.10

Velvet Ball.

All-America Winner. Dwarf, compact plants covered with velvety deep blood-red $2\frac{1}{2}$ inch flowers.

Pkt. 25c; 1/128 oz. 65c; $\frac{1}{4}$ oz. \$1.10; $\frac{1}{4}$ oz. \$1.85

Violacea.

A deservedly popular variety with deep violet blooms on dwarf, uniform plants. Comes very true to color.

Pkt. 15c; $\frac{1}{16}$ oz. 70c; $\frac{1}{4}$ oz. \$2.10

Single Compact Bedding, Dwarf Mixed.

An excellent mixture with a very well-balanced color-range. Splendid for large beds.

Pkt. 15c; $\frac{1}{16}$ oz. 65c; $\frac{1}{8}$ oz. 95c; $\frac{1}{4}$ oz. \$1.70

DWARF CALIFORNIA GIANTS, RAMONA STRAIN

A superb strain of single Petunias unexcelled for pot-culture. The dwarf, sturdy plants, in 3 or 4-inch pots, will bloom when only 6 inches high. The beautifully ruffled and fringed flowers, often over 5 inches across, with open, well-marked throats, are produced freely. Very fine for dwarf bedding.

Dark and Light Shades Mixed.

Pkt. 50c; 1/128 oz. \$1.35; $\frac{1}{4}$ oz. \$2.20

LITTLE GIANTS

Here is a fine new type of Petunia for dwarf beds. The flowers are ruffled and waved with deep throats like those of the Dwarf California Giants but they are of much smaller size, averaging two inches across. They are very freely produced on low growing, uniform, compact plants only 8 to 10 inches high all through the summer months right up to frost. The colors range from deep crimson to white in almost every shade and combination. Little Giants combine flowers of great individual beauty with extra dwarf, neat plants so useful for border margins and edgings. Their color and charm will also be much appreciated in the rock garden and in odd corners about your garden.

Little Giants Mixed.

Containing very attractive colors.

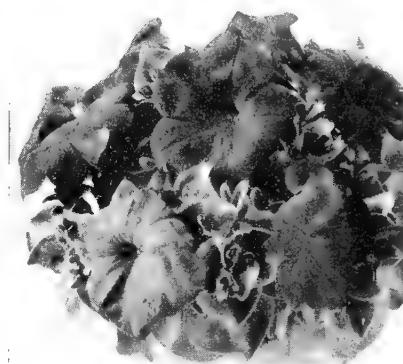
Pkt. 25c; 1/128 oz. 95c; $\frac{1}{4}$ oz. \$1.85



Petunia, Dwarf California Giants



Petunia, Velvet Ball



Petunia, Glow



New Dwarf Petunia, Little Giants, Mixed





Petunia, Giant Fringed All Double, Colossal Shades of Rose



Petunia, Single Ruffled Giant,
Ruffled Monsters

Petunia, Large Single Fringed,
Fluffy Ruffles



PETUNIA, LARGE SINGLE PLAIN-EDGED

Also called Ruffled Grandifloras, these produce large, plain-edged flowers, 3 to 4 inches across, and some are waved. The plants are a little taller than the Single Dwarf Bedding but the flowers are larger.

Dazzler.

Not available
Here is a new color in the Petunia class. The large plain-edged flowers over 3 inches across, are of an exceedingly brilliant deep rose-scarlet color giving a very dazzling effect. The plants are free flowering and quite low growing and are unusually effective when used in large groups.

Dwarf Elk's Pride.

Pkt. 25c; 1/128 oz. 95c; $\frac{1}{4}$ oz. \$1.80
A very superior strain for pot-culture. The plants are dwarf with flowers larger and a richer violet-blue than any other strain. The flowers come very true to color.

Snowstorm.

Pkt. 20c; 1/256 oz. 65c; 1/128 oz. \$1.20; $\frac{1}{4}$ oz. \$2.10
Pure white ruffled flowers, 3 to 4 inches across, with soft yellow throat shadings. The plants are extremely uniform, dwarf and compact. A beautiful variety.

LARGE SINGLE FRINGED

These Grandifloras are not good for pot-culture but are fine for bedding where conditions are favorable. The flowers are from 3 to 4 inches across and beautifully fringed.

Fluffy Ruffles, Mixed.

Pkt. 25c; 1/128 oz. 65c; $\frac{1}{4}$ oz. \$1.80
A delightful mixture of delicate light shades containing many tints and combinations not to be found in the separate varieties. The medium dwarf, free-flowering plants are specially suited for bedding because of their strong growth. The large flowers are finely fringed and heavily ruffled.

SINGLE RUFFLED GIANTS

This class bears the largest flowers of all, from 5 to 7 inches across, with open veined throats. The plants, while strong growing, are of fairly dwarf habit. Whether desired for bedding, or cutting, the following are the finest varieties. If grown on the dry side in 3 to 4-inch pots, they will come to bloom while the plants are still quite dwarf.

Glamour.

Pkt. 50c; 1/256 oz. 95c; $\frac{1}{4}$ oz. \$2.75
All-America Winner. One of the loveliest Petunias. Deeply ruffled and waved blooms, 4 to 5 inches across, of rich salmon-rose with golden brown veining on the creamy buff throat. The 15 to 18-inch plants bloom continuously from early summer right up to frost.

Ruffled Monsters, Mixed.

Pkt. 35c; 1/128 oz. 95c; $\frac{1}{4}$ oz. \$1.80
These are half-dwarf plants of erect robust habit. The flowers are large and ruffed with open, shallow throats, and in a predominance of the desirable red and dark shades, richly marked and veined.

Supreme Florist Strain of Giants of California.

Pkt. 50c; 1/128 oz. \$1.10; $\frac{1}{4}$ oz. \$1.95
A remarkably fine strain of huge, heavily ruffled flowers, 5 to 7 inches across, with shallow open throats, in beautiful shades of pink, rose and salmon-rose, all with light, richly veined throats. When pot grown on the dry side, the first flowers are produced when the plants are only 6 inches high. The strong growing, free-flowering plants reach a height of 20 to 24 inches by the end of summer.

PETUNIA, DOUBLE GIANT FRINGED

Double Petunia seed is costly to produce and not as easily grown as the single varieties. It is always best to sow the seed indoors in flats so that conditions necessary for success can be carefully controlled. A February sowing will provide fine plants for outdoor bedding in May.

All Double America.

Pkt. 60c; 5 for \$2.50
All-America Winner. A fine early-flowering strain with rose-pink double fringed flowers, 2 inches and more across, on plants 12 inches high and 18 inches across. Ideal for borders.

All Double, Colossal Shades of Rose.

Pkt. \$1; 5 for \$4.50
All-America Winner. Huge full double flowers, often over 4 inches across, varying from salmon-pink through rose-pink to rose-mauve. Strong plants 20 inches high and 3 feet across.

All Double Mrs. Dwight D. Eisenhower.

Packet (100 Seeds) \$2
Very delightful double flowers, $2\frac{3}{4}$ inches across, with outer petals of soft mid-salmon and the smaller ruffled center ones lightly veined a deeper salmon shade. The plants grow 16 inches high.

All Double Rose Marie.

Packet (100 Seeds) \$1
A fine new, early blooming variety with double flowers, 3 inches or more across, of a clear rose-pink color on plants 18 inches high. The flowers are produced quite freely and a large planting of Rose Marie is very attractive.

FLOWER GARDEN MIXTURE. A mixture of annuals for both borders and cut-flowers. Oz. 50c.

PHLOX DRUMMONDI

This is one of the most brilliant and most satisfactory of all annuals, thriving in full sun and blooming through summer to frost. If sown in the open ground in May you will have a riot of color in July. Avoid overwatering, as this increases the plant height, especially if the plants stand too close together.

Gigantea Art Shades.

All-America Winner. A wonderful new annual strain with 9-inch plants literally covered with enormous flower-heads with florets $1\frac{1}{4}$ inches across. These come in soft pastel shades in a most beautiful color mixture.

Pkt. 15c; $\frac{1}{16}$ oz. 45c; $\frac{1}{4}$ oz. \$1.35

Large-flowered Half-Dwarf, Mixed.

The plants grow about 1 foot high, each flower stem crowned with an umbel of 10 to 20 large, brilliant florets.

Pkt. 15c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$1.20

Large-flowering Very Dwarf, Mixed.

This strain resembles the Half-Dwarf strain in large size of blooms, but the plants grow only 6 inches high and are much better for dwarf beds of color.

Pkt. 15c; $\frac{1}{16}$ oz. 55c; $\frac{1}{4}$ oz. \$1.70

POPPY

These are greatly admired for their grace, delicacy and brilliant colors. Sow the seed outdoors in the fall or at intervals in April and May, to provide a succession of flowers. Thin the plants to stand about 1 foot apart. Poppies dislike transplanting, and prefer a sandy loam.

Double Shirley Hybrids, Mixed.

Double and semi-double blooms in an almost endless variety of attractive colors. Many of the flowers are beautifully shaded with a second tint which adds to their charm. Strong plants grow to a height of 2 feet.

Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 65c

Single Shirley Improved, Mixed.

Large silky-petaled flowers in rose, salmon, apricot, pink, crimson and red, etc., many of the flowers beautifully flaked and edged with white; on 2-foot plants with finely cut foliage.

Pkt. 10c; $\frac{1}{8}$ oz. 35c; oz. 60c

PORTULACA

Moss Rose. Sun Plant. This, unrivalled for brilliancy, forms a dense, thick carpet 6 inches high. It must have a sunny location and prefers light, sandy soil. Sow the seed in the garden in late May or early June after hot weather sets in, and thin out to 6 inches apart. Effective for rock-gardens.

Large-flowering Double, Mixed.

This is a great specialty with us for its high percentage of double flowers. The lowest we have ever found, by actual count, is 85% double. The flowers are very full-petaled, of large size, and produced in great numbers above the attractive, deep green, dwarf foliage. The mixture includes many colors.

Pkt. 15c; $\frac{1}{16}$ oz. 60c; $\frac{1}{4}$ oz. \$1.80

Large-flowering Single, Mixed.

Glossy cup-shaped single flowers, 1 inch across, in profusion on dwarf, light green needle-leaved foliage. A wonderful array of bright, attractive colorings. This is splendid for covering large unsightly sand or soil banks.

Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{4}$ oz. 80c

RICINUS

Castor Oil Bean. Showy foliage plant which if planted thickly makes a screen; as a specimen it forms pyramids of gigantic leaves. Sow outdoors in May in rich soil and give plenty of water.

Zanzibarensis, Mixed.

Very tall, stately plants, 12 to 14 feet high, with enormous lobed leaves varying from light green to purplish red.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c

SALVIA

Sage. With the early-flowering varieties you can have vivid beds from July to frost. For well-grown spring bedding plants start the seed in February or March, giving bottom heat to help germination, and water sparingly. The seed, particularly of earlier varieties, can be sown outdoors in May. The dwarf ones make nice pot-plants for spring if started indoors in January.

Bonfire.

Clara Bedman. This is a full-flowered variety with very compact oval bushes and long spikes of brilliant scarlet flowers. It makes a gorgeous massed bed, as the plants grow very evenly. Height 2 feet.

Pkt. 15c; $\frac{1}{8}$ oz. 95c; $\frac{1}{4}$ oz. \$1.80

Farinacea, Blue Bedder.

A sturdy, compact plant, $2\frac{1}{2}$ to 3 feet high, with long graceful stems of deep lavender-blue flowers. Is useful for cutting and very striking in mass plantings. When grown as a background for pink Petunias it is very effective.

Pkt. 15c; $\frac{1}{16}$ oz. 55c; $\frac{1}{4}$ oz. \$1.70

Splendens.

Scarlet Sage. The best known of all, carrying long, flaming bright scarlet flower-spikes which make a fine display right up until frost. The plants are taller, reaching 3 feet when well grown. This is a specially selected strain.

Pkt. 15c; $\frac{1}{8}$ oz. 85c; $\frac{1}{4}$ oz. \$1.45

St. Johns Fire.

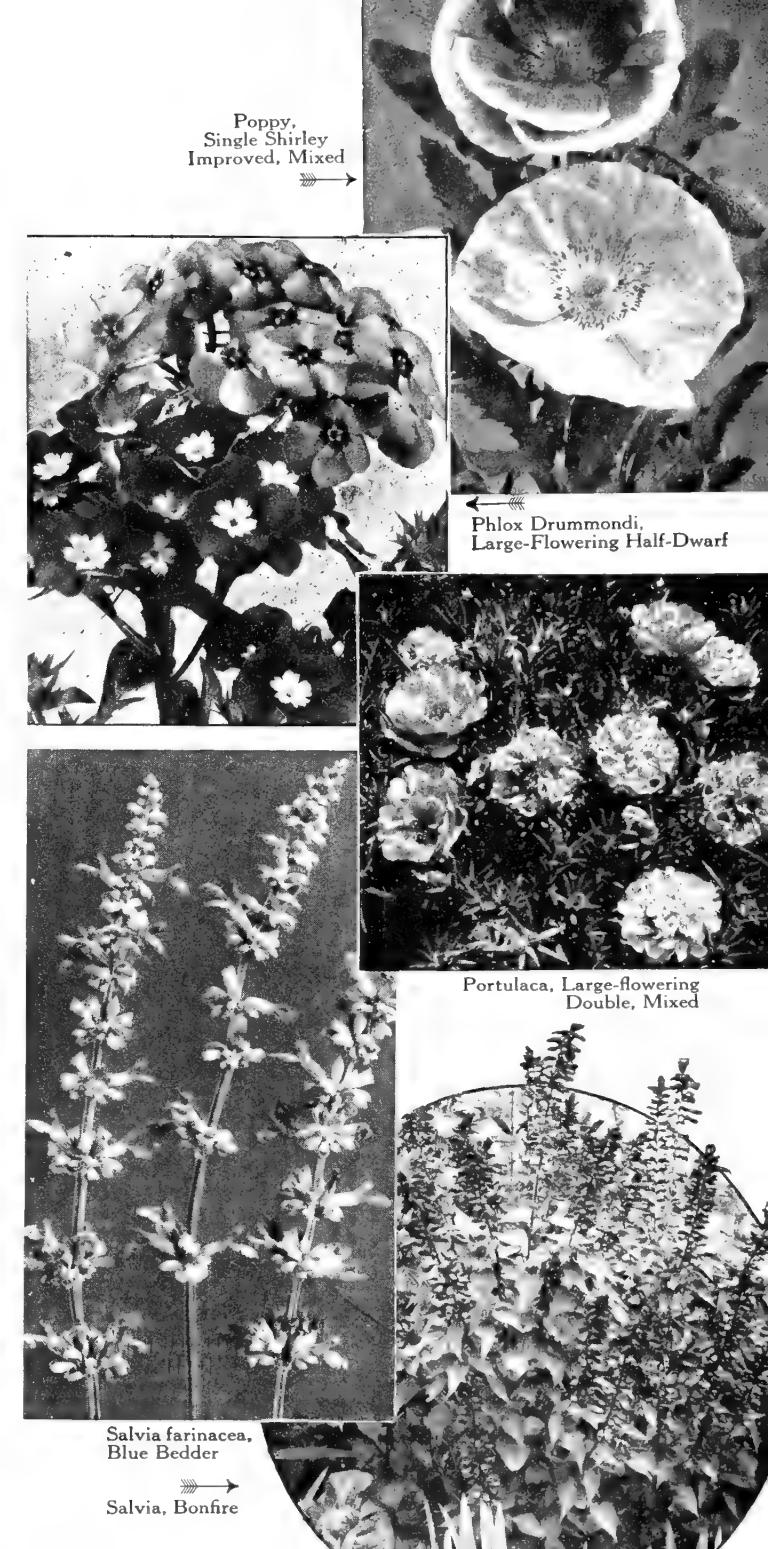
Earliest, dwarfest brilliant red Salvia, 12 inches high. Continuous bloomer, unexcelled for dwarf borders or pots.

Pkt. 20c; $\frac{1}{16}$ oz. 85c; $\frac{1}{4}$ oz. \$1.60; $\frac{1}{4}$ oz. \$2.85

Zurich.

The earliest of the older varieties, of dwarf, bushy growth, 16 inches high, with heavy, full, bright scarlet spikes.

Pkt. 15c; $\frac{1}{8}$ oz. 95c; $\frac{1}{4}$ oz. \$1.80





SALPIGLOSSIS

Painted Tongue. An attractive flower which likes a light, rich, sandy loam. Sow seed outdoors in April or May where the plants are to remain, and thin to stand at least a foot apart. If earlier blooms are required, start the seed indoors in February in pots, as it does not like transplanting.

Pkt. 10c; $\frac{1}{4}$ oz. 55c

Candelabra, Mixed.

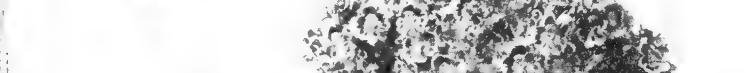
These branching, showy, 2½-foot plants bear beautiful, funnel-shaped flowers with dark veins, on a ground which varies from white to crimson, yellow, orange, blue and orchid. They are splendid for cutting.



Scabiosa,
Super Giant



Salpiglossis, Candelabra



SCABIOSA

Pincushion Flower. A very popular annual, blooming from early summer until frost, in a wide range of beautiful colors. Sow outdoors in April or May where the plants are to bloom, thinning to stand at least 15 inches apart. For earlier flowers start the seed indoors in March. Water very sparingly and transplant to the garden in May. For hardy varieties see Perennial List.

Pkt. 15c; $\frac{1}{4}$ oz. 80c

Imperial Giant, Blue Moon.

All-America Winner. A distinct new type with very large flower heads over 2½ inches across, of deep lavender-blue, formed entirely of broad, heavy, wavy petals, without the usual pincushion center. Very upright, 3½-foot plants.

Pkt. 15c; $\frac{1}{4}$ oz. 45c

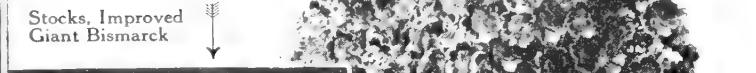
Super Giants, Mixed.

This is the very finest annual Scabiosa strain available with vigorous free-flowering 3-foot plants producing a great many flowers of giant size and particularly beautiful shades of color.

Pkt. 10c; $\frac{1}{4}$ oz. 55c

Tom Thumb, Mixed.

Remarkable for its dwarf plants 8 inches high and 12 inches across and double, medium-sized flowers all summer



Stocks, Improved
Giant Bismarck



Schizanthus, Dwarf Masterpiece



SCHIZANTHUS

Butterfly Flower. A hardy annual which grows easily in any good garden soil. Bushy plants and finely laciniated foliage, covered with dainty flowers, marked with contrasting colors, resembling some orchids. Sow in the open border in May and thin to stand over a foot apart. They will flower in late summer in cool latitudes.

Pkt. 20c; $\frac{1}{4}$ oz. 45c; $\frac{1}{8}$ oz. \$1.35

Dwarf Masterpiece.

This is the finest strain of all for pot culture. The dwarf, compact plants form pyramids 6 to 8 inches high, and are very free flowering, in a varied well-balanced color assortment, including the darker and brighter colors.



STAR OF TEXAS

An easily grown annual. The single daisy flowers, 1½ inches across, have long-pointed, light canary-yellow petals with paler centers. The thin strong stems are not long but good for cutting. The very vigorous, branching plants, 18 inches high and often 18 inches across, bloom freely and are quite hardy. Sow in open ground in early spring in dry sunny location. Fine planted with Tahoka Daisy.

Pkt. 15c; $\frac{1}{8}$ oz. 55c; $\frac{1}{4}$ oz. 80c



STATICE

Sea Lavender. Cloud-like masses of small flowers which make gay borders and are extremely useful for mixing through bouquets of cut-flowers. Their delicate coloring and light graceful habit adapt them for dried winter bouquets. Sow in the open ground in May, barely covering the seed, and have plants stand 1 foot or more apart to allow development. For earlier flowers start the seed indoors in March and transplant in May, to a sunny, well-drained location. Seed is of slow germination.

Pkt. 10c; oz. 60c

Sinuata Mixed.

Many-branched, 18-inch plants with attractive flowers in clusters at the end of each branch, in delicate colors.



STOCKS

Gilliflower. This much-beloved flower comes in charming colors and has delightful fragrance. Seed strains are bred to produce the prized double flowers, but a number of singles will appear. Stocks are ideal for bedding and cut-flower borders where the summers are not too hot. They require a light, rich soil, but avoid fresh manure. In warm latitudes it is best to plant them in a shady location. For outside culture start the seed indoors in February and set the plants out, to stand 1 foot apart, in April to bloom in June. Be sure to provide shade after transplanting, until established.

Pkt. 15c; $\frac{1}{8}$ oz. 55c; $\frac{1}{4}$ oz. \$1.55

Improved Giant Bismarck, Mixed.

Also called Early Giant Imperial, this is the best for outdoor culture. The 2½-foot plants have robust, pyramidal form, with long-stemmed, large spikes of double very early flowers. Yields a high percentage of doubles.



Large-Flowering Dwarf 10 Weeks, Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 55c; $\frac{1}{4}$ oz. 80c

While not as nice for cutting, these 12-inch plants of dwarf, compact, pyramidal growth, are excellent for bedding. Start indoors in March and set out when safe.



SNAPDRAGON

Snapdragon, Super Giant

Antirrhinum. These are among the aristocrats of the garden and are useful in unlimited degree, being fine for both bedding and cutting purposes. The stately, graceful flower spikes, many to each plant, come in the most pleasing shades and in three height classes. In good soil they flower continually from July to frost and should be cut promptly when faded. Sow the seed outdoors in May, thinning plants to allow ample room for development, but it is better to start the seed indoors in February or March, sowing the seed thinly in flats of soil topped with a thin layer of sand or finely sifted coal ash. Keep moderately moist in a fairly warm place until growth appears. After that give air and light, but not direct sunlight. Water carefully, keeping moist but not wet. To prevent damping off use Semesan. Set plants in the border in May, the tall varieties at least 1 foot apart and the dwarfs 9 inches.

RUST-RESISTANT STRAINS

The development of these new rust-resistant Snapdragons is one of the greatest recent accomplishments. It is now possible to grow perfect Snaps where you previously failed due to rust infection. Rust-resistant seed germinates better, the plants are more vigorous, the foliage clean and the flowering season prolonged.

Rustproof Rosalie (*majus grandiflorum*).

Pkt. 15c; $\frac{1}{8}$ oz. 75c; $\frac{1}{4}$ oz. \$1.35

All-America Winner. One of the most popular summer Snapdragons for outdoor culture. The large flowers are a beautiful rich deep rose on nice stems for cutting. Height 30 inches.

Rustproof Super Giants.

These are the finest of the tall strains. The plants, each bearing many spikes closely set with giant blooms of perfect form, grow to a height of 3 feet. They are superb for outdoor borders and very popular for cut-flowers.

Alaska (Snowflake). White.

Campfire. Scarlet, dark foliage.

Canary Bird. Canary-yellow.

Copper King. Bronzy copper.

Crimson. Dark foliage.

Daffodil. Two-tone Daffodil-yellow.

Indian Summer. Coppery orange-scarlet.

Loveliness. Rose-pink.

Pink Sensation. Pink.

Yellow Giant. Yellow.

Rustproof Super Giants, Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{8}$ oz. \$1; $\frac{1}{4}$ oz. \$1.75

This is a splendid mixture of the above and additional colors, and is very well balanced. The flowers are of enormous size and well placed in magnificent spikes. The plants are robust and free-flowering.

Rustproof Super Majestic Half-Dwarf Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. \$1.35

The finest half-dwarf strain with individual flowers of huge size on nicely tapered, immense spikes. The very full plants are base branching, 16 to 20 inches high, and are as fine for cutting as for garden.

Rustproof Half-Dwarf Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. \$1.35

The plants grow about 18 inches high and produce large flowers on stems long enough for cutting. The bushy plants bloom continuously through summer and fall, and are superb for garden display.

REGULAR STRAINS

These are not rustproof and are useful where there has been no difficulty with rust in growing Snapdragons.

Miniature, Magic Carpet Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$1.95

The finest of all very dwarf Snapdragons, these are unexcelled for carpet plantings and for rock-gardens. They grow only 6 inches high and come in a variety of attractive colors.

Giant Ruffled "Tetra Snaps" Mixed.

Pkt. 25c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$1.20

This is a new race created by treating normal flowers with Colchicine causing a fundamental change in the cell formation converting diploids into tetraploids. This resulted in larger, fuller, ruffled flower spikes, heavier stems and sturdier 2½-foot plants in a complete range of colors.

SWEET PEAS

The range of beautiful color combinations, the sheer beauty of the flower form and the gracefulness of the stems and tendrils, make this one of the most popular annual flowers. Height 5 to 7 feet.

Giant Spencer Mixture.

Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 95c

The varieties in this mixture have been selected to afford unusual richness and brilliancy of color. It contains the finest named sorts in well-balanced proportions.

Early-flowering Mixture.

Pkt. 10c; oz. 70c; $\frac{1}{4}$ lb. \$2.10

This is the finest blend, giving a perfect balance of the various colorings.

Spring-flowering Mixture (Cuthbertson).

Pkt. 15c; $\frac{1}{8}$ oz. 40c; oz. 70c; $\frac{1}{4}$ lb. \$2.10

If you have difficulty in growing Sweet Peas because of hot weather try this new strain. It blooms between the Early and Giant Spencers and has much greater hot weather resistance. The large fragrant flowers have extra long stems and come in the clear popular colors.

FLOWER GARDEN MIXTURE. A mixture of annuals for both borders and cut-flowers. Oz. 50c





Verbena
Giant Hybrid



Ursinia anethoides Hybrids



Thunbergia Black-eyed
Susan, Mixed



Torenia Fournieri compacta



Tahoka Daisy

TAHOKA DAISY

Pkt. 15c; $\frac{1}{2}$ oz. 60c; $\frac{1}{4}$ oz. \$1
An unusually attractive lavender-blue, many-rayed daisy with deep yellow center and long slender petals, which are tinted with rose as they fade. The fern-leaved plants, $1\frac{1}{2}$ feet high, carry the flowers on fine long stems for cutting. If seed is sown indoors in April, the plants set in the garden bed will flower late in June and continue in spite of summer heat until late fall. It is a fine cut-flower. To get even, quick germination, chill the seed for 10 days before sowing. Goes well with Star of Texas.

THUNBERGIA

Black-eyed Susan. A rapid growing climber, splendid for screening and for hanging-baskets. For earliest flowers, sow indoors in February and set out in the garden in May.

Mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.35
Large, showy flowers in white, buff, orange and yellow with black centers, from midsummer to frost, on dense vines with ornamental foliage. Prefers a warm, sunny spot. Splendid for covering a bare bank of soil.

TORENIA

Wishbone Flower. A splendid annual which deserves far greater use. It is excellent as a bedding plant and is used for dwarf margins and window-boxes. Start the seed indoors in February and set the plants in the garden 8 inches apart when warm weather begins. Thrives in any soil, any location and in extreme heat. Torenia gives splendid satisfaction under average garden conditions.

Fournieri compacta.

Pkt. 15c; $\frac{1}{2}$ oz. 55c; $\frac{1}{4}$ oz. 80c
Bushy, 10-inch plants covered through summer and fall with a mass of sky-blue snapdragon-like flowers with three dark blue spots and a yellow throat. Excellent for rock-gardens.

URSINIA

Jewel of the Veldt. Too few gardens know this attractive, easily grown annual from South Africa. Seed may be sown direct in the border in May or for earlier flowers indoors in March and the plants set in the garden in May for bloom from June to September. It delights in a sunny, warm position.

Anethoides Hybrids.

Pkt. 10c; $\frac{1}{4}$ oz. 35c; $\frac{1}{4}$ oz. 95c
The bushy plants, 1 foot high and 2 feet across, carry hundreds of daisy-like blooms on wiry stems above the light feathery foliage. The orange flowers, 2 inches across, are zoned from ruby to deep purple around the center disc, each spangled with jewel-like dots. Excellent for the margins of borders.

VERBENA

Few plants give a more gorgeous display of brilliant flowers from July until frost than this universal garden favorite. They are ideal for borders, for cutting, and look well in rock-gardens. Outdoor sowings may be made in May, but for better results sow the seed indoors in February or March, giving bottom heat, and set out the plants 15 inches apart in late May or early June. Soaking the seed in warm water over night hastens germination, and pinching back plants induces bushy growth.

Giant Hybrids, Mixed.

Pkt. 15c; $\frac{1}{2}$ oz. 40c; $\frac{1}{4}$ oz. \$1.10
A marvelous mixture of all available colors in a well-proportioned balance. Ideal for growing spring bedding Verbena plants of the highest quality.

WALLFLOWER

These magnificent flowers are noted for their exquisite fragrance and for the rich, dull, velvety colors of the blooms. The flowers are borne in spikes on good stems, and are beautiful in beds and delightful for cutting. Sow the seed indoors in March and set out in the garden in May for early summer bloom.

Double Annual Early Wonder, Mixed.

Pkt. 15c; $\frac{1}{2}$ oz. 45c; $\frac{1}{4}$ oz. 75c
A splendid early-flowering strain $1\frac{1}{2}$ feet high, which blooms in three months from seed. The plants bear many fragrant, graceful spikes filled with large double blooms in an excellent color mixture, ranging from yellow to brown, some tinged with red and purple. Splendid for cutting.

Early Forcing, Single Mixed.

Pkt. 10c; $\frac{1}{2}$ oz. 40c
Spikes of fragrant single flowers, each with four rounded petals on attractive plants $1\frac{1}{2}$ feet high. The flowers come in the yellows, browns and dull reds characteristic of the Wallflower.

ANNUALS FOR POOR SOILS

Alyssum
Amaranthus
Balsam
Browallia

Calendula
Calliopsis
Celosia
Clarkia

Cleome
Eschscholtzia
Gaillardia
Marvel of Peru

Morning-Glory
Nasturtium
Petunia
Portulaca

ZINNIAS

The most popular annuals in American gardens. They give a lavish display of color under varied conditions, even in the hottest, driest summers, and no flower is of easier culture. Their many forms bring much interest and serve every garden purpose. The dwarfs make splendid, colorful edgings and the giants make brilliant display beds. They are excellent for cutting. All like warm rich soil and a sunny location. Sow the seed outdoors after warm weather, and thin the plants out to allow room. For bedding plants start seed in March indoors, giving bottom heat to get good germination.

Super Giants Mixed.

These are the largest of all Zinnias. The strong 3-foot plants bear flowers $5\frac{1}{2}$ to $6\frac{1}{2}$ inches across in a great diversity of color and form, some resembling Dahlia-flowered, others Giants of California and still others are Chrysanthemum-like in rare and unusual shades.

Chrysanthemum-flowered, Mixed.

Resembling "Mums" with curled, quilled petals, the huge long-stemmed flowers, often 6 inches across and 4 inches deep, come in pastel colors—apricot, cream, chamois, buff, salmon-pink, peach, burnt orange, rose, terra-cotta. Some are self colored, many combine two or three colors. Height 3 feet.

Giant Crested, Mixed.

For both garden display and cutting. The flowers average 4 to 5 inches across, with a full, rounded cushion center, surrounded by broad guard petals. The colors include magnificent shades of orange, orange-scarlet, yellow, maize, rose and crimson. Will come about 65 per cent true. Height $2\frac{1}{2}$ feet.

Gold Medal Giant Dahlia-flowered.

By far the most popular of all, this strain has huge flowers, often 5 inches across and with the center petals tending to incurve, giving the flower a deep, full effect. The strong vigorous plants, $2\frac{1}{2}$ to 3 feet high, are very free-flowering, particularly if they are pinched back when young to encourage branching.

Canary Bird. Clear canary-yellow of great brilliance.

Crimson Monarch. Very large deep crimson flowers.

Dream. Fine deep rosy lavender, very attractive.

Eldorado. Delightful pastel shades of salmon-apricot.

Exquisite. Pale rose, increasing to deep rose at center.

Golden Dawn. Very bright showy golden yellow.

Golden State. Orange-yellow turning to deep orange.

Gold Medal Giant Dahlia-flowered, Mixed.

This is a remarkably well-balanced blend made up with proportions of each of the above varieties. It is the very finest mixture and is produced by the originator of this Zinnia type.

California Giants, Florist's Strain Mixed.

The plants of this strain are of the same robust habit as the Giant Dahlia-flowered, but grow over 3 feet high, throwing strong lateral branches from which the best flowers come. These reach an enormous size, often 4 to 5 inches across, but with the petals laid back one over the other, giving the flowers a flattened appearance.

Dwarf Double Mixed. (*elegans pumila*)

Bushy, 18-inch plants with an abundance of fully double flowers, averaging 2 inches across, held above the foliage.

Fantasy, Mixed.

All-America Winner. This has nicely rounded, shaggy flowers of medium size, like Chrysanthemums. The graceful, ray-like petals are artistically curled and interlaced. Very fine for cutting, as the 2 to $2\frac{1}{2}$ -foot plants produce good stems. Includes the brightest red and orange as well as the popular pastel pinks and creams.

Lilliput.

Beautiful, miniature, perfectly double flowers, deeply globe-shaped, in a wide range of colors. The 15 to 18-inch compact plants are excellent for bedding and produce an abundance of long-stemmed flowers. **Golden, Salmon Rose, Scarlet, White and Mixed.**

Lilliput, Pastel Mixture.

Unusually fine for cutting. The 12 to 15-inch plants are neat, compact, very free-flowering, and start to bloom in 45 days from seed. The flowers come in apricot, peach, creamy yellow, shell-pink, salmon, light rose, and orchid.

Lilliput, Tom Thumb, Mixed.

A very excellent dwarf, compact strain suitable for pot culture, borders and rock-gardens. The plants, 4 to 6 inches high, are covered with tiny Lilliput flowers in red, orange, yellow, pink, rose and pastel shades.

Mexican Double Mixed Haageana.

Compact 10-inch plants bearing single and double flowers, $1\frac{1}{2}$ inches across, in charming color combinations.

Red Riding Hood.

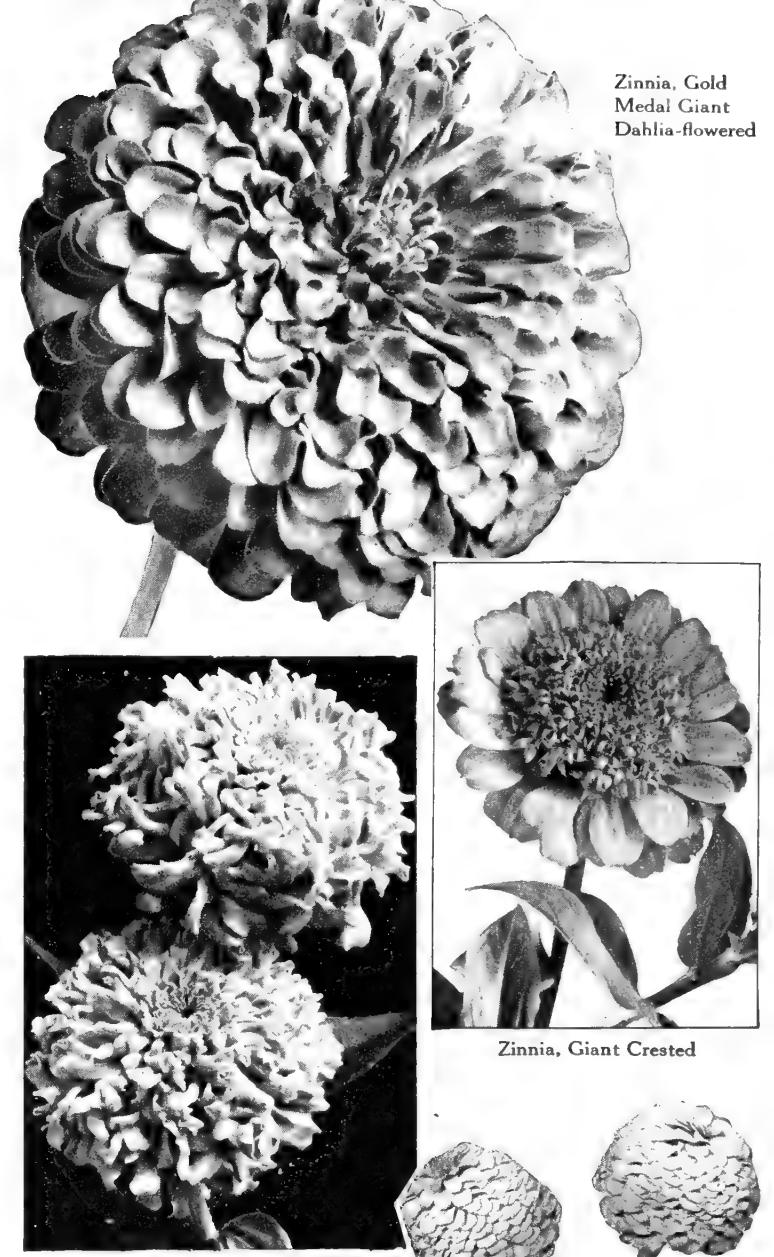
Miniature bright crimson double flowers, about half the size of Lilliputs, on dwarf, compact plants 1 to 2 feet high.

ANNUALS FOR EDGINGS

Ageratum
Alyssum
Begonia, Bedding
Celosia, Dwarf Cristata
Dahlborg Daisy
Lobelia

Marigold Extra Dwarf
Marigold Gnome
Nasturtium
Nierembergia
Pansy
Petunia, Dwarf

Phlox drum. Very Dwarf
Portulaca
Snapdragon, Miniature
Torenia
Ursinia
Verbena



Zinnia, Gold
Medal Giant
Dahlia-flowered

Zinnia, Giant Crested

Zinnia, Chrysanthemum-flowered

Seeds of Perennial Flowers

The varieties of seed which we include in this section produce plants which live on from year to year, increasing in size and beauty with age. A few exceptions are the biennials listed, such as *Campanula Medium*, *Digitalis*, etc., which bloom the second year and then die.

Perennials, used in permanent beds, come in a great variety of color and plant habit, ranging from the dwarf edging plants to the tall stately plants for backgrounds. They provide bloom from early spring to killing frost, and many show color before the annuals come to bloom.

Culture. The seed is generally started outdoors from June to September, and the young plants are either set in their permanent places in the fall and given light protection the first season, or carried over the first winter in a cold-frame and set out the following spring. After that, all except the half-hardy varieties require little attention, except to keep the flowers cut to prevent the seed-pods from forming. Some are as easily raised from seed as annuals; quite a few may be forced; others make fine pot-plants and splendid cut-flowers.

ACHILLEA

Yarrow. Space 10 inches apart in not too rich soil in a sunny border. They are valuable for cutting.

Ptarmica, The Pearl.

A profusion of small double white globular flowers, in loose sprays on 2-foot plants throughout the summer.

Pkt. 15c; $\frac{1}{16}$ oz. 55c; $\frac{1}{4}$ oz. \$1.65

ACONITUM

Monkshood. Tall, stately plants for shade or half-shade, blooming in late summer and autumn.

Napellus

Straight, upright, single spikes of dark blue, helmet-shaped flowers on plants 3 feet high. They like any good, ordinary soil in a fairly moist location and some shade. Set the plants 8 inches apart and do not disturb.

Pkt. 15c; $\frac{1}{16}$ oz. 65c; $\frac{1}{4}$ oz. \$1.95

ALYSSUM

Madwort. Early-flowering plants suitable for sunny margins and borders or a sunny rock-garden. Plant 8 inches apart in well-drained soil. Very attractive for carpeting beds of tall spring bulbs.

Saxatile compactum.

Basket of Gold. Large clusters of bright golden yellow flowers in early spring, on gray-foliaged 12-inch plants.

Pkt. 15c; $\frac{1}{16}$ oz. 45c; oz. \$1.35

Saxatile citrinum.

Similar to the above but with lovely pale yellow flowers which blend beautifully with pink or lavender.

Pkt. 15c; $\frac{1}{16}$ oz. 55c; $\frac{1}{4}$ oz. 95c

ANCHUSA

Alkanet. Branching plants which like a deep, well-drained soil in full sun. When not crowded they form beautiful specimens, with their forget-me-not-blue flowers and hairy, silvery green foliage.

Italica, Dropmore.

Tall spikes of rich gentian-blue from June to September, on 4 to 5-foot stately plants.

Pkt. 15c; $\frac{1}{4}$ oz. 45c; oz. \$1.35

Myosotidiflora.

Quite distinct with dwarf 12-inch plants, having large rounded leaves and sprays of clear blue forget-me-not flowers in April and May, much earlier than the other varieties. It is useful for the rock-garden.

Pkt. 20c; $\frac{1}{2}$ oz. 65c; $\frac{1}{16}$ oz. \$1.10

ANEMONE

Windflower. These are gorgeously flowered plants, ideal for rock-gardens or low borders, but the seed should be sown where the plants are intended to bloom and thinned out to at least 8 inches apart.

St. Brigid, Mixed.

Single and semi-double cup-shaped flowers 3 to 5 inches across in great abundance on 1-foot plants from April to June. They come in bright shades of scarlet, purple, maroon, and lilac.

Pkt. 20c; $\frac{1}{16}$ oz. 80c

ANTHEMIS

Camomile. Excellent free-flowering plants which thrive if set 12 inches apart, even in dry, poor soils.

Tinctoria.

Yellow Marguerite. A profusion of lemon-yellow daisy flowers which are excellent for cutting throughout the summer. On 2-foot plants with elegantly cut foliage. Will bloom the first year if the seed is started indoors early.

Pkt. 10c; $\frac{1}{4}$ oz. 35c

For large, well-grown plants of above in 5 or 6-inch pots see **Perennial Plant pages 47 to 52.**

AQUILEGIA *coerulea*

Columbine has been popular through the ages, but the recent long-spurred developments are a gorgeous spectacle in late spring and early summer, and account for the renewed interest in this flower. All prefer partial shade and do best if 10 inches apart in soil enriched with peat moss or humus.

LONG - SPURRED VARIETIES

The graceful flowers, on strong wiry stems, are delightful for cutting and are unusually beautiful in garden beds.

Blue Shades (Special Strain).

This is a very excellent selection. The plants grow 3 to 4 feet high and bear huge long-spurred blue flowers.

Pkt. 20c; $\frac{1}{16}$ oz. 60c

Chrysanth.

A beautiful yellow, long-spurred strain. Forms a very satisfactory plant carrying many fine flowers.

Pkt. 20c; $\frac{1}{16}$ oz. 60c

Crimson Star.

Huge long-spurred flowers of rich crimson with white centers. This is a very outstanding and attractive variety.

Pkt. 25c; $\frac{1}{16}$ oz. \$1.35

Orange and Scarlet Shades.

Large flowers in these unusually attractive shades with long spurs, on 2½-foot plants.

Pkt. 20c; $\frac{1}{16}$ oz. 60c

Rose Queen.

A profusion of beautiful, large flowers in shades of rose with white corolla and yellow centers, on 3-foot plants.

Pkt. 20c; $\frac{1}{16}$ oz. 60c

Snow Queen.

The large, pure white flowers are held erect on strong, wiry stems. The vigorous plants grow about 3 feet high.

Pkt. 20c; $\frac{1}{16}$ oz. 60c

Mrs. Scott Elliott's Hybrids.

Large flowers with broad guard petals and very long spurs gracefully poised on long stems, on 3-foot plants.

Pkt. 20c; $\frac{1}{16}$ oz. 60c; $\frac{1}{4}$ oz. \$1.70



Aquilegia, Long-spurred Blue Shades



Arabis alpina, Spring Charm

ARABIS

Rock Cress. For edgings, rock-gardens or dry walls. Plant 6 inches apart in good soil, in sun or shade.

Alpina *nana compacta*, white.

Forms a dense, 6-inch carpet of small, pure white single blooms in early spring. Often seen after the last snow.

Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{4}$ oz. 95c

Alpina, Spring Charm.

This variety is similar in habit to the white form, but the flowers are a real deep red color.

Pkt. 20c; $\frac{1}{16}$ oz. 70c; $\frac{1}{4}$ oz. \$2.10

Alpina, Snowcap.

A strain with nice compact, dwarf 6-inch plants and shining, snow-white cushions of flowers.

Pkt. 15c; $\frac{1}{16}$ oz. 45c; $\frac{1}{4}$ oz. \$1.35



Aubrieta, Giant Flowered Hybrids



Aubrieta, Giant Flowered Hybrids



ARMERIA

Sea Pink. Fine for edgings and rock-gardens, with bright, globular flower-heads above grassy tufts from May to July. Set the plants 6 to 8 inches apart in dry, sandy soil and in a sunny position.

Alpina.

Fine for edgings and rock-gardens, with compact, grasslike tufts, 3 inches high, covered with bright rose flowers.

Pkt. 20c; $\frac{1}{16}$ oz. \$1.10

ASTER

Starwort. Beautiful daisy flowers so popular for edging borders. For other Asters see Annual List.

Alpinus, Goliath.

This is a compact, dwarf variety, 8 inches high, having soft blue, daisy flowers with yellow centers in May and June. It will do well in any good soil and is very attractive for rock-gardens or border edges. Plant 8 inches apart.

Pkt. 15c; $\frac{1}{16}$ oz. 75c; $\frac{1}{4}$ oz. \$1.35

AUBRIETA

Fine as a rock-plant, this also forms beautiful carpets for beds planted with bulbs. Set the plants 6 inches apart in any well-drained soil. On heavy, damp soils they are apt to freeze out in winter.

Giant Flowered Hybrids.

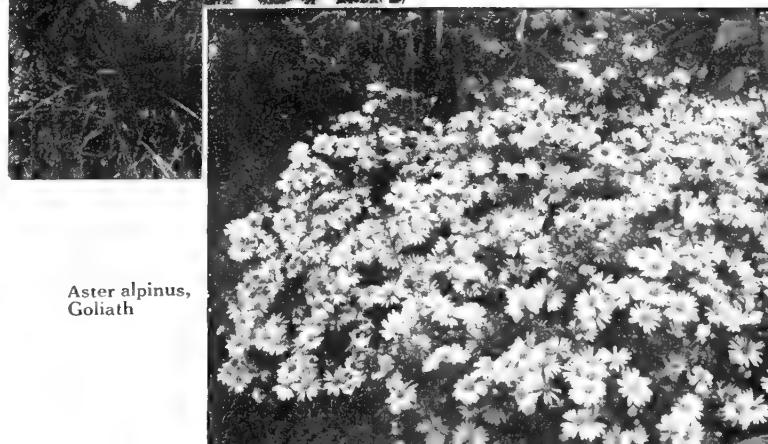
A superior strain in size of bloom and including every shade of deep red, rosy violet, rose, violet-lavender, pink, purple, mauve, etc. Spreading, needle-leaved plants forming a carpet 6 inches deep.

Pkt. 20c; $\frac{1}{16}$ oz. \$1.10

Whitewell Gem.

A delightful, large-flowered variety with fine, dark purple blooms in abundance on spreading 6-inch plants.

Pkt. 15c; $\frac{1}{16}$ oz. 40c



Armeria alpina

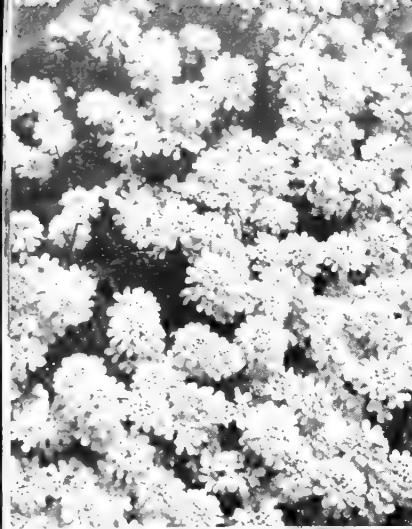
BELLIS PERENNIS

English Daisy. Bright, colorful double flowers popular for spring bedding plants. They succeed best in a medium moist soil, but fail in dry soils and hot positions. Often used for edgings of beds and sometimes for carpeting bulb-beds. Set the plants 4 to 6 inches apart and protect lightly over winter.

Pkt. 15c; $\frac{1}{16}$ oz. \$1.20

Monstrosa maxima, Extra-Double Giant Mixed.

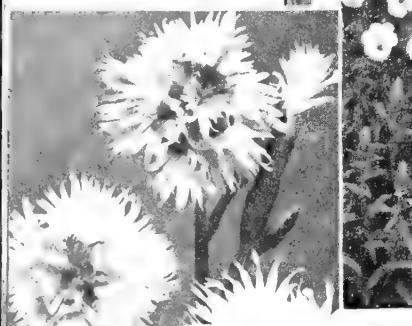
This is a very fine, large-flowered, extra-double strain, with full-centered flowers on compact plants 6 inches high.



Candytuft
Iberis sempervirens



Campanula Medium, Single



Dianthus
plumarius

Campanula persicifolia,
Telham Beauty

CAMPANULA

Bellflower. A rich, well-drained, light soil grows them to perfection, if 10 inches apart in full sun.

Medium calycantha, Mixed.

Cup-and-Saucer. A biennial with tall, erect-growing 2½-foot plants, covered with large cup-and-saucer flowers during late May and June, which last a week or more when cut.

Each, pkt. 15c; ¼oz. 40c; ½oz. 70c

Medium Single, Mixed.

Canterbury Bells. A very showy biennial with branching 2½-foot plants of pyramidal form and large single bells along the upright stems in clear colors in June and July. For annual strains see Canterbury Bells in Annual List.

Pkt. 10c; ¼oz. 35c

Persicifolia, Telham Beauty.

Large, single, globular, open flowers of delicate china-blue with silvery shading on 4-foot plants with wiry stems.

Pkt. 20c; ½oz. 70c

CANDYTUFT

Iberis. Fine for the rock-garden and margins in sun in good soil, 6 inches apart. Also see Annual List.

Sempervirens.

The most commonly grown of all. The beautiful, pure white flower-heads from April to June form a sheet of bloom, completely covering the dark green foliage. Excellent for edging and for rock-gardens. Height 10 inches.

Pkt. 20c; ¼oz. 60c; ½oz. \$1.80

CARNATION

These do well in any good, light, well-drained soil if spaced 12 inches apart. Fine for cutting and are usually started in summer and carried over with protection to bloom the following spring.

Dwarf Double Red Grenadin.

The compact plants of this dwarf hardy Carnation, uniformly 15 inches high, are very fine for bedding purposes. The medium-sized, double, bright scarlet flowers easily bloom the first year if started early.

Pkt. 15c; ¼oz. 70c; ½oz. \$2.10

Half-High Grenadin, Mixed.

A splendid cut-flower, with grassy, pink-like foliage on 20-inch free-flowering plants blooming outdoors in June.

Pkt. 15c; ½oz. 55c; ¼oz. 95c; ½oz. \$2.85

Early Dwarf Vienna, Double, Mixed.

Popular strain for hardy border plants, 14 inches high, with extra-double large flowers early in June.

Pkt. 15c; ¼oz. 80c; ½oz. \$2.40

CENTAUREA

Cornflower. This will thrive in any good garden soil in sun or half-shade if spaced 15 inches apart.

Dealbata, Rose Delight.

Pretty rose-pink, thistle-like flowers from June to August on 2-foot plants which have attractive foliage.

Pkt. 15c; ¼oz. 55c; ½oz. 80c

Montana.

Large, purple-blue Cornflowers, June to September, fine for cutting and for borders. Silvery foliage. Ht. 1½ feet.

Pkt. 15c; ¼oz. 40c; ½oz. 65c

CERASTIUM

Snow-in-Summer. This spreading carpet plant will thrive in any sunny soil particularly a poor soil.

Tomentosum.

Plants 8 inches high with silvery white foliage, and small white flowers in abundance in May-June.

Pkt. 10c; ¼oz. 25c; ½oz. 65c

COREOPSIS

Tickseed. For border and cut-flowers. Plant 1 foot apart in well-drained, medium soil and full sun.

Double Sunburst.

Large, full, double golden yellow flowers, 1½ to 2 inches across, for cutting and for display on 2½-foot plants.

Pkt. 15c; ¼oz. 40c; oz. \$1.20

DIANTHUS

Garden Pinks. These bright dwarf plants are perfectly hardy and are grand for sunny places in the rock-garden or border. Space 6 to 10 inches apart in well-drained, gritty soil which contains some lime. Bloom the first year from seed started indoors early. For other varieties see Annual List.

Plumarius Double Scoticus, Special Florist Strain.

A superb selection of double Scotch Pinks with free-flowering plants and blooms 1 to 2 inches across on 12 to 15-inch stems. They come in self colors in shades of pink, rose, salmon and white, many with a bright crimson zone.

Pkt. 15c; ¼oz. 55c; ½oz. 80c

Plumarius Double Spring Beauty.

The very large, exceptionally double flowers like carnations are unusually fragrant and in attractive colors.

Pkt. 15c; ¼oz. 55c; ½oz. 80c

Plumarius Dwarf Double, Mixed.

Very excellent, free-flowering, 12-inch plants with fragrant double blooms on wiry stems, above grasslike foliage.

Pkt. 15c; ¼oz. 40c; ½oz. \$1.10

Plumarius Semperflorens, Double, Mixed.

Beautiful sweet-scented double and semi-double flowers in a great diversity of color. This is excellent and very popular, as it has the longest season of bloom in this type. Height 15 to 18 inches.

Pkt. 15c; ¼oz. 45c; ½oz. 75c

DELPHINIUM

These tall, stately flower spikes of unsurpassable beauty will grow in every garden, but best results are obtained in cooler latitudes. Most effective a foot apart in groups. Require a deep, rich, well-drained soil. Our seed always grows well. To aid germination chill seeds for 48 hours just before planting.

Belladonna Improved or Cliveden Beauty.

This is an improved strain, with large flowers of iridescent, light turquoise-blue on plants 4 feet high.

Pkt. 25c; $\frac{1}{8}$ oz. 95c; $\frac{1}{4}$ oz. \$1.80

Bellamorus Improved.

This is really a dark blue form of the Belladonna, and very uniform in color, with spikes $2\frac{1}{2}$ inches across. Each dark blue floret has a white bee. The plants grow to a height of only $3\frac{1}{2}$ feet.

Pkt. 25c; $\frac{1}{8}$ oz. 95c; $\frac{1}{4}$ oz. \$1.80

Giant Exhibition Hybrids, Blackmore & Langdon's.

Pkt. 25c; $\frac{1}{8}$ oz. 70c; $\frac{1}{4}$ oz. \$1.35

This English strain is one of the finest developments. The flowers are enormous, produced on solid erect spikes 6 feet high. Colors include delicate shades of blue, mauve, and pink.

Gold Medal Hybrids.

The plants are of strong, vigorous habit, 4 to 5 feet high, with large flower spikes 2 feet long, the majority coming in the darker shades of blue. Very fine for massed plantings.

Pkt. 15c; $\frac{1}{4}$ oz. 80c; oz. \$2.40

Hollyhock-flowered Wrexham Hybrids.

Pkt. 25c; $\frac{1}{8}$ oz. 75c; $\frac{1}{4}$ oz. \$2.30

Flowers of superb size, exquisitely proportioned, on spikes like tapered 6-foot spires, with beautiful florets in lovely tones of blue, mauve, lilac, purple and violet in wonderful variations.

Pacific Giant Hybrids.

A remarkable new strain with huge, well-formed, $2\frac{1}{2}$ -inch florets, nearly all double, evenly spaced on well-balanced tapering spikes with thin woody stems. This variety is comparatively mildew-resistant and is the world's best strain. Height 5 to 7 feet. **Black Knight**, dark blue; **Cameliard**, lavender; **Galahad**, white; **King Arthur**, violet; **Summer Skies**, light blue.

Each, pkt. 50c; $\frac{1}{8}$ oz. \$1.80; $\frac{1}{4}$ oz. \$2.95

Pacific Giant Hybrids, Round Table Series, Mixed.

Pkt. 50c; $\frac{1}{8}$ oz. \$1.80; $\frac{1}{4}$ oz. \$2.95

The mixture embraces shades from the darkest purple to the palest blue, pastel orchid tints, and white.

DICENTRA

Bleeding-Heart. Dielytra. These should be located in a partially shaded border. They do best as individual specimens. Sow seed in the fall as going through the cold winter gives better germination.

Eximia.

Pkt. 20c; $\frac{1}{8}$ oz. 80c
A dwarf-growing sort, 12 inches high, with beautiful, finely cut foliage and showy racemes of pretty pink, small flowers throughout the season. This does well in either sun or shade, and is exceptionally fine for rock-gardens.

DIGITALIS

Foxglove. Biennials and should be sown every year. In ordinary soil in sun or shade, they are very effective in masses. Plants, 8 inches apart, set out in the fall, must be protected. Bloom in June-July.

Giant Shirley, Mixed.

Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 80c

A superb mixture with very large flowers in shades of pink and white, attractively spotted with brown and maroon. The tall, stately plants, about 6 feet high, hold long spikes which are striking against a dark background.

DORONICUM

Leopardbane. This hardy, 2-foot perennial blooms outdoors in April and May. The plant divisions, potted up in December, easily flower in a cool greenhouse by February. Seed germinates slowly.

Pkt. 20c; $\frac{1}{8}$ oz. 55c; $\frac{1}{4}$ oz. 80c

Magnificent daisy-like flowers of golden yellow on good stems for cutting, above heart-shaped leaves. Plant 8 inches apart in heavy soil in sun or partial shade. Water freely in dry weather.

ECHINACEA

Coneflower. Strong plants for the border and for cutting, in sun or half shade. Space 15 inches.

Purpurea.

The purple Coneflower, with red-purple daisy flowers from July to October, on 4-foot plants. Thrives in dry soils.

Pkt. 10c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. \$1.35

EUPHORBIA

Spurge. Thrive in poor, dry soils in full sun. Planted 15 inches apart, they make fine massed borders.

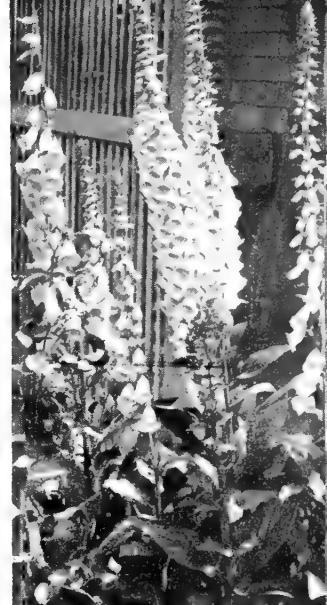
Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.70

Corollata.
Wild Baby's Breath. Clouds of small, cream-white stars on 2-foot plants from June to August. Excellent for bouquets. Ht. 2 ft.

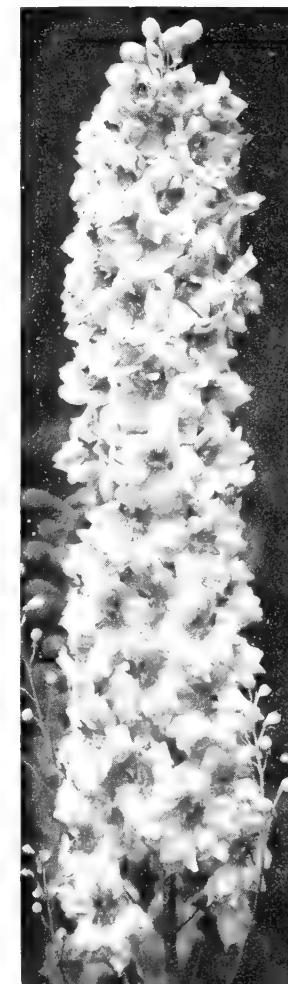


Coreopsis, Double Sunburst

See page 30

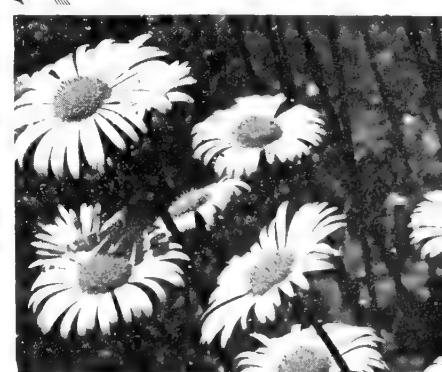


Digitalis, Giant Shirley

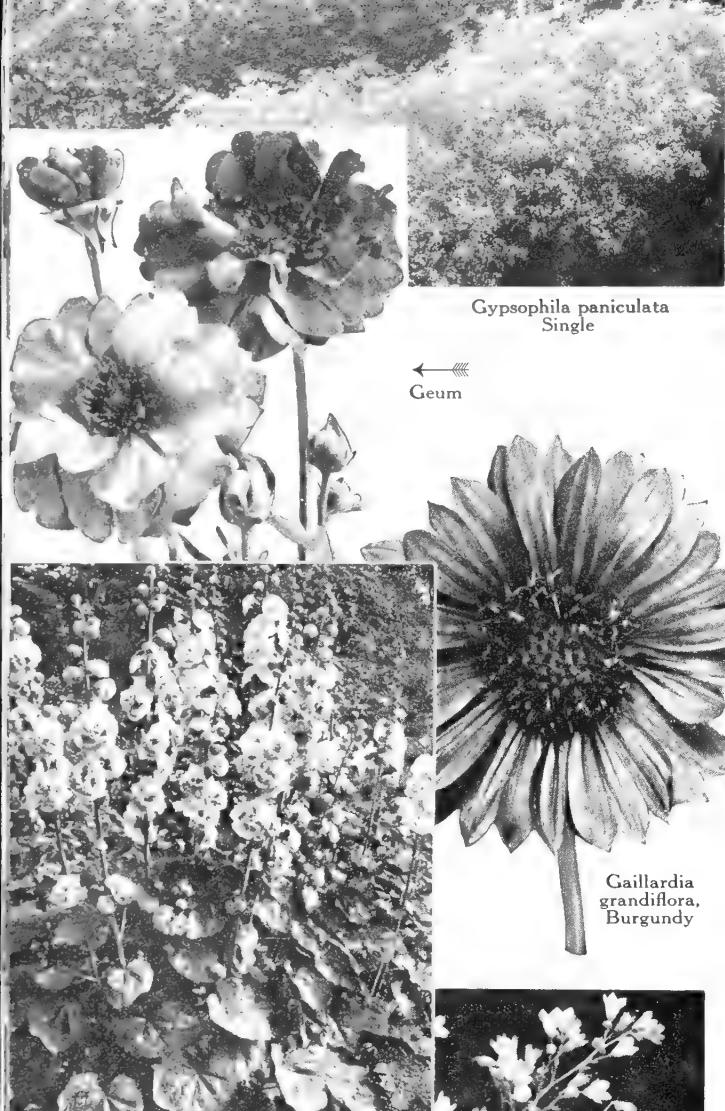


Dicentra eximia

Delphinium
Pacific Giant Hybrid



Doronicum caucasicum



Gypsophila paniculata
Single

Geum

Gaillardia
grandiflora,
Burgundy

Hollyhock,
Superb Double

Heuchera
Sanguinea
Splendens

GAILLARDIA GRANDIFLORA

Blanket Flower. Gay round ray-petaled flowers in continued profusion through June to November. They are admirable for dry sunny locations and hardly seem to need water. Plant 8 inches apart in rich but light soil, and give slight winter protection. Excellent for cut-flowers. They will bloom the first year from seed sown early indoors. For other varieties see Annual List

Burgundy.

The flowers are 2½ inches across on long stiff stems, 65 per cent coming true wine-red selves. Height 2½ feet.

Goblin.

Large yellow flowers with deep red centers on very compact globular plants 15 inches high. Excellent for beds.

Portola Hybrids.

Large flowers, often 4 inches across, of bronze-red-scarlet intensified by golden yellow petal tips on 2½-foot plants.

The Dazzler.

The bright showy flowers, 4 to 5 inches across, are golden yellow with a rich maroon-red center. Height 3 feet.

Pkt. 15c; ¼oz. 45c; ½oz. 80c

Pkt. 15c; ¼oz. 40c; ½oz. \$1.10

Pkt. 10c; ½oz. 40c; ¼oz. 70c

Pkt. 10c; ½oz. 45c; ¼oz. 75c

GEUM

Avens. A wealth of gracefully poised, attractive flowers above plant tufts of pinnate leaves. They are excellent for the border and are prized for cutting. Set the plants 8 inches apart in good soil in sun. Water well in summer and protect through the first winter. Bloom first year from seed sown early indoors. Height 2 feet. **Lady Stratheden**, golden yellow; **Mrs. Bradshaw**, orange-red.

GYPSOPHILA

Baby's Breath. Much prized for their many feathery panicles of small starry flowers. Plant 2 feet apart in well-drained medium soil containing lime, in a sunny position. For others see Annual List.

Paniculata, Single.

Tiny white single flowers in graceful feathery panicles on thread-like stems during June and July. They are very popular for cutting to blend with bouquets of other flowers. Height 3 feet.

Paniculata, Double, Snow White.

The double form of Baby's Breath and comes about 80 per cent double, on 2½-foot plants. Fine for cutting.

Pkt. 10c; ¼oz. 20c; oz. 55c

Pkt. 25c; ½oz. 65c; ¼oz. \$1.95

HEUCHERA

Coral Bells. These are suitable for cutting and effective for margins, as edgings to walks, and planted in the rock-garden. They should be placed in a sunny, well-drained, fairly rich soil 12 inches apart, and top-dressed with well-rotted manure each spring.

Sanguinea splendens.

Graceful panicles of coral-red bell-like flowers on 12 to 18-inch stems, from June to September, above dwarf, compact heart-shaped foliage. Height 2 feet.

Pkt. 15c; ¼oz. 75c; ½oz. \$1.35

HOLLYHOCK

Althaea rosea. These stately plants are indispensable for garden display, especially as backgrounds and in front of walls. They require rich, well-drained, medium light soil in full sun.

Superb Double Mixed.

The tall spikes, 7 feet high, are closely set with showy double flowers in a great range of beautiful colors.

Pkt. 15c; ¼oz. 65c; oz. \$1.95

HONESTY

Lunaria. Moonwort. Admired for its silvery, flat, round seed-pouches used for winter bouquets. Space plants 18 inches apart in full sun in good soil. Avoid cutting the flowers. Height 2 feet.

Pkt. 15c; ½oz. 35c; ¼oz. 55c

LAVANDULA

Lavender. Delightfully fragrant flowers. Space plants 1 foot apart in warm dry sandy soil. Sow in fall.

Munstead Strain.

The finest strain obtainable, with plants 1 foot high which produce their lavender-blue flowers in June.

Pkt. 15c; ¼oz. 45c; ½oz. \$1.35

LIATRIS

Gayfeather. Excellent flower spikes for cutting and for massed borders. Likes light to medium soil.

Pycnostachya.

Unusual in appearance with attractive, 4-foot rich purple flower spikes in August-September. Likes dry soil.

Pkt. 15c; ¼oz. 45c; ½oz. \$1.35

Spicata.

Lavender-purple, 2-foot flower spikes in September-October. Does best in moist soil in half or full shade.

Pkt. 15c; ¼oz. 45c; ½oz. \$1.35

LINUM

Flax. Best in groups, setting the plants 8 inches apart in sandy or well-drained, light soil, in the sun.

Perenne, Blue.

Pale blue, round flowers through summer, on slender, graceful stems above feathery foliage. Height 1½ feet.

←
Poppy, Oriental

LOBELIA

This is ideal for a partially shaded, moist location where the soil contains a lot of humus.

Cardinalis.

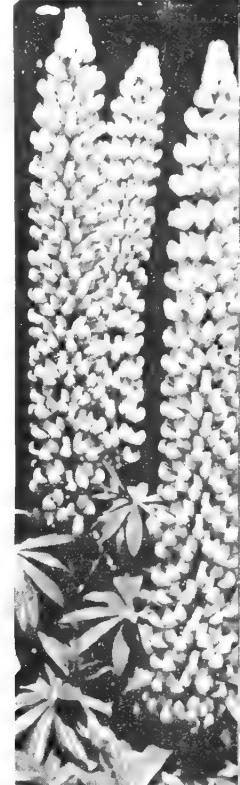
Cardinal Flower. Fiery cardinal-red flower spikes in July and August on 2½-foot plants, in half or full shade.

LUPINUS

Lupine. Beautiful, stately perennials with bold spikes of pea-shaped flowers in May and June. They like a warm, sheltered position in well-drained, light or medium, slightly acid soil. Space plants 10 inches apart. Avoid lime but water thoroughly in dry weather. For other varieties see Annual List.

Russell, Mixed.

Enormous, well-rounded, symmetrical, 3-foot spikes, closely set from top to bottom with individual florets an inch across. The 4-foot plants have attractive foliage. In extraordinary color combinations.



MYOSOTIS

Forget-me-not. Dainty, freely produced flowers delightful for edgings, under tulips or shrubs. Palustris thrives in moist shade; the Alpestris varieties do well in sun. Sow the seed in July or August and transplant to coldframes or with protection over winter to have bloom in May.

Alpestris, Victoria.

This is the attractive compact variety which produces the dwarf, rounded, 8-inch plants so desirable for margins of borders and for pot culture. It is a biennial variety and is always in great demand as a basket plant in the spring.

Blue Ball (deep blue), Pale Blue, and Indigo Blue.

Palustris.

These are the true perennials, with small, pale blue flowers in May and June, on plants 10 inches high.



Linum perenne, Blue

PHYSOSTEGIA

False Dragonhead. When spaced 12 inches apart they thrive in ordinary soil in sunny borders.

Virginica.

Large dense, 3-foot bushes with terminal spikes of delicate lilac-pink tubular flowers, from July to September.

PLATYCODON

Chinese Bellflower. These thrive in a well-drained, sunny border, but do best if the border is slightly elevated. Set the silvery-foliaged plants 8 inches apart and disturb as little as possible.

Grandiflora, Blue.

Deep blue, 3-inch bell-flowers with pointed recurved petals, in June and July on 20-inch stems. Height 2 feet.

POPPY

Papaver. Of great value in the garden, these make a gorgeous display of rich brilliance which nothing can equal. Whether planted singly or in masses, their intense color makes them conspicuous in any position. Grow the seedlings in pots, as they resent transplanting. If the flowers are cut when in bud they will keep in water for several days. For others see Annual List.

ORIENTAL POPPIES

These wonderful flowers far surpass in splendor of bloom all other Poppies. Nothing can approach them as garden accents in the flower border in May and June. They do best planted 12 inches apart in deep rich loam, and should be mulched in the fall with dry litter to prevent crown rot. Height 2 to 3 feet.

Beauty of Livermere.

An elegant, vigorous variety, 3 feet tall, with extra-large blooms of a striking dark oxblood-red color.

Pkt. 25c; ¼oz. 65c; ½oz. \$1.95

Brilliant.

The vivid fiery red flowers are often 6 inches in diameter, and freely produced on long-stemmed 3-foot plants.

Pkt. 25c; ¼oz. 65c; ½oz. \$1.95

Mrs. Perry.

Magnificent blooms of enormous size and bold habit. The color of the silky, crinkled petals is salmon-rose.

Pkt. 25c; ¼oz. 65c; ½oz. \$1.95

Scarlet.

Well-known brilliant orange-scarlet of outstanding beauty. The attractive 3-foot plants have rich green foliage.

Pkt. 25c; ¼oz. 60c; ½oz. \$1.80

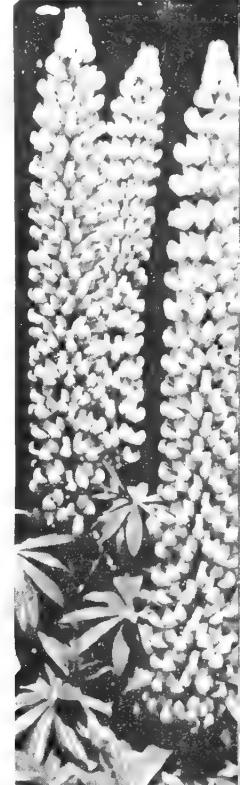
Oriente, Mixed.

Made up from seed saved from a great variety of extra-fine named sorts. Excellent for colorful display beds.

Platycodon grandiflora, Blue
↓



Physostegia virginica





Giant Double Shasta Daisy



Shasta Daisies, Single Alaska



Pyrethrum, Single
and Double Hybrids
→ →



Scabiosa caucasica
Isaac House Giant Hybrids
← ←

POPPY, ICELAND

These are of great value for cutting and in a sunny border they thrive in well-drained, sandy soil.

Kelmscott Giants, Mixed.

Larger flowers than in any other strain, often 3 inches across, held more erect on long stiff stems, unexcelled for cutting. The colors range from deep scarlet, through delicate pinks and buffs, to white.

Pkt. 20c; $\frac{1}{16}$ oz. 45c; $\frac{1}{16}$ oz. \$1.35

Red Cardinal.

This is the first real red variety to be offered. The brilliant cardinal-red flowers are borne on 2½-foot plants.

Pkt. 20c; $\frac{1}{16}$ oz. 95c

PRIMULA

Plant about 6 inches apart in damp, rich loam, with at least partial shade. Ideal for rock-gardens.

Polyanthus, Colossea.

An extra fine new strain which we highly commend. The flowers are larger and come in very unusual colors.

Polyanthus, Monarch, Mixed.

Compact 9-inch plants. The flowers in closely set bunches come in strong colors and in soft art shades.

Polyanthus, Giant Munstead, Mixed.

Bunch Primrose. The plants, 1 foot high, bear bunch-headed flowers in white and shades of yellow.

Vulgaris.

English Primrose. This delightful hardy variety shows its pale primrose-yellow flowers, one blossom to a stem, in great abundance in April and May. The 9-inch plants are ideal for shaded margins or shaded rock-gardens.

PYRETHRUM

Painted Daisy. These bloom in May and June on plants 2 feet high, and are indispensable cut-flowers. They like a very well-enriched soil in a sunny location, and are best when 1 foot apart in groups. Water liberally in dry weather and cut stems down to their base when first flowers have faded.

Single, Robinson's Dark Crimson.

Neat compact tufts of finely cut foliage with long stems and daisy-like, yellow-centered, dark blood-red flowers.

Select Single Hybrids, Mixed.

This contains crimson, pink, rose and white and is exceptionally fine for a cut-flower bed. Ht. 2 feet.

Select Double and Single Hybrids, Mixed.

Pkt. 25c; $\frac{1}{16}$ oz. \$1.10; $\frac{1}{16}$ oz. \$1.90
These have tufted centers like a double China aster, in pink, rose, crimson and white. Some will come single. Height 2 to 2½ feet.

SCABIOSA

These, for border and cut-flowers, are best spaced 8 inches apart in sandy loam with full sun. They bloom from June through August. If sown indoors during February they will bloom the first year. The seed germinates slowly. Top the seed flats with a thin layer of fine peat moss and sand, making sure to keep moist and shaded. For varieties of Double Scabiosa see Annual List.

Caucasica, Isaac House Giant Hybrids, Mixed.

Pkt. 15c; $\frac{1}{16}$ oz. 60c; $\frac{1}{16}$ oz. \$1.80
Very large, superbly fringed and ruffled single flowers from the palest lavender to the darkest blue.

SHASTA DAISY

Chrysanthemum Leucanthemum. Particularly noteworthy for their free-flowering habit and simple beauty. Plant them 1 foot apart in deep rich soil in a sunny position.

Giant Double.

Fluffy shaggy white double flowers, 4 inches across, with narrow, slightly overlapping, irregular petals on fine long stems. The attractive plants bloom for about 3 months. Only 50 per cent come double.

Single, Alaska.

Pkt. 15c; $\frac{1}{16}$ oz. 60c; oz. \$1.70
Large 3-inch white daisies, with broad overlapping petals, in profusion on 3-foot plants. From June to September.

STATICE

These are very hardy and fine for cutting. Most of them can be dried. They like deep soil in sun.

Caspia.

Pkt. 15c; $\frac{1}{16}$ oz. 55c; $\frac{1}{16}$ oz. 95c
Innumerable, beautiful lilac flowers in branching sprays on vigorous 3-foot plants of pyramidal habit.

Dumosa.

Pkt. 15c; $\frac{1}{16}$ oz. 45c; $\frac{1}{16}$ oz. \$1.20
Dense branching clusters of silvery gray flowers on 2-foot plants. Thrives in light sandy loam in sun.

Latifolia.

Pkt. 15c; $\frac{1}{16}$ oz. 45c; $\frac{1}{16}$ oz. 80c
Large spreading panicles of tiny blue-purple flowers from June to September on 1½-foot plants, for cut-flowers.

Perezii.

Pkt. 15c; $\frac{1}{16}$ oz. 45c; $\frac{1}{16}$ oz. 80c
Bright blue small flowers in large heads on 3-foot stems above the large base leaves. Likes full sun.

STOKESIA

Stokes' Aster. This is a very handsome flower and should be better known. It is best planted 6 inches apart in a warm, sheltered location in well-drained, sandy loam.

Cyanea, Blue.

The plants grow about 2 feet high, bearing from July to October a large number of handsome, lavender-blue centaurea-like flowers, from 4 to 5 inches across. They are excellent for cutting and make unusually fine border plants.

SWEET WILLIAM

This hardy biennial, flowering in May or June, is best sown in June or July in frames or in the open ground. Transplant the young plants 8 to 12 inches apart in September or October to bloom the following spring. It supplies a wealth of color for the hardy border in spring, and is a useful cut-flower.

Double, Mixed.

This, grown in mixture, is very much more popular than the single varieties, because of the fullness of the flower. The colors include all of the known shades to be found in this class and are very attractive. The strong, robust plants grow to a height of about 1½ feet.

Dwarf Double, Mixed.

This is an unusually fine strain and is ideal for bedding-plant culture. The plants are dwarf, very compact, growing 8 inches high, and make nice pot-plants for spring use. The colors include all of the rich dark tones, as well as the bright, light shades, and are nicely balanced.

THERMOPSIS

Carolina Lupine. A fine plant to contrast with delphinium. Set a foot apart, they thrive well.

Caroliniana.

Long racemes of yellow Lupine-like flowers in June and July on fine 2-foot plants. Grows in sun or shade.

TRITOMA

Red-Hot Poker. For colorful garden accents these stately flowers, with their brilliant spikes, are very effective in late summer and early fall. Plant them 12 inches apart in a well-drained soil in full sun.

Perpetual Early-flowering Hybrids.

This is the most prolific strain, often 5 to 10 blooms to the plant. Drooping, tubular flowers in dense spikes on long stems above the long, narrow, grassy foliage in salmon-scarlet, orange-scarlet, orange and yellow. Height 3 feet.

VERONICA

Speedwell. Very pretty plants for the perennial border, best spaced 6 to 8 inches apart in groups. They like ordinary soil and a sunny location. To encourage new growth and a new crop of flowers cut back the flowers as they fade. This greatly lengthens the period of bloom.

Spicata.

Long terminal spikes of violet-blue in June and July, on 1½-foot plants. Divide the plants every third year.

VIOLA CORNUTA

Tufted Pansies. Because of their perpetual flowering character and the charm of their dainty flowers produced in the greatest abundance, these are becoming more favored each year for the rock-garden and for edging purposes. Good-sized plants can be ready by late spring from a January indoor seeding, although they are usually started in the summer for bloom in the following spring. They appreciate deep soil enriched with rotted manure, and will thrive best planted 8 inches apart in a sunny location. The 8-inch plants bloom continuously through spring and summer.

Mixed.

A well-balanced blend containing apricot, yellow, ruby, blue, purple and white.

Pkt. 20c; $\frac{1}{2}$ oz. 45c; $\frac{1}{16}$ oz. 75c; $\frac{1}{4}$ oz. \$2

WALLFLOWER

Although perennials, these are best treated in northern latitudes as biennials. Sow the seed in June or July and winter over in a protected coldframe for transplanting outdoors when safe in the spring. For other varieties of Wallflower see Annual List.

English, Double, Mixed.

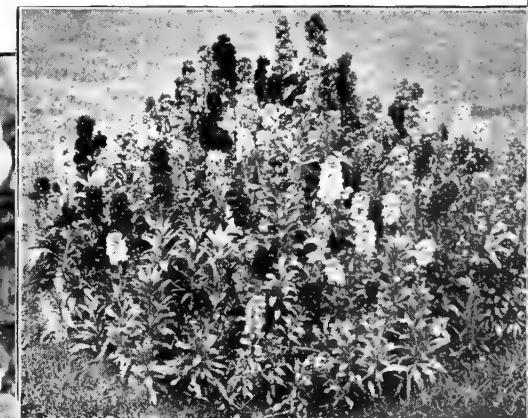
A very fine mixture made up from the choicest varieties, with nicely balanced colors. Delightfully fragrant.

Pkt. 20c; $\frac{1}{16}$ oz. 60c; $\frac{1}{4}$ oz. \$1.70

Sweet William
Double Mixed



Veronica spicata



Wallflower
English Double Mixed



Viola cornuta

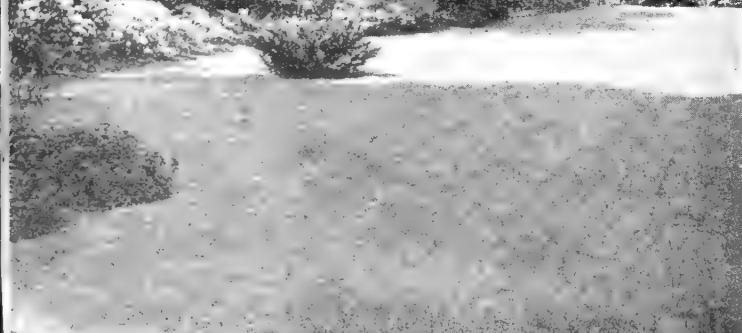


Above, from the "Forbes" Lawn Grass Seed

FEED AND SEED YOUR LAWN

To have a lasting green lawn be sure to replenish it each year with a light application of Lawn Seed and a proper feeding of plant food. For a quick start use pulverized, weed-free Sheep Manure, for best results a 5-10-5 Fertilizer, and for a long pull Steamed Bone Meal. All of these materials and many others are listed on page 56.

Below, from our Elite Lawn Grass Seed



FORBES LAWN SEED FOR EVERY NEED

The best in seeds and care is essential to have a fine lawn. Forbes quality, known the country over, has set a high lawn standard, and Forbes service is at your disposal at all times.

Many grades of lawn grass seeds of varying qualities are offered for sale. Many contain seeds of worthless character, chaff, and weed seeds. Often a single variety or a blend of two grasses is sold as lawn seed. The best lawn is produced from a mixture of several natural grasses. To be of greatest value, these grasses must be properly proportioned in the mixture so that there is enough of each to serve its specific purpose. The mixtures we offer, made up from special formulae, are the result of years of experiment and of practical tests. Each mixture will produce a turf ideally suited to each purpose. Complete directions with every package.

The "Forbes" Lawn Grass Seed

A rapid-growing combination of grasses which **produces** in from **four to six weeks, a permanent lawn** capable of withstanding heavy wear. It contains seeds of five dwarf evergreen and perennial grasses of fine lawn texture. Definite proportions of these are mixed very thoroughly. The resultant lawn has a fine, even, rich green appearance and a permanency not usually found. Known for its high quality, it is higher priced than ordinary store mixtures but cheapest in the long run. It contains only heavy, recleaned, live seeds, **free from** worthless chaff, timothy and weed seeds. No White Clover seed in this mixture.

$\frac{1}{2}$ lb. 50 cts.; lb. 95 cts.; 5 lbs. \$4.50; 10 lbs. \$8.50; 25 lbs. \$20.75; 100 lbs. \$80, delivered.

For quickest results sow one pound to every 100 sq. ft. (10 x 10 ft.) of new ground, or 400 lbs. to the acre. Half this quantity gives good results but takes longer.

Elite Lawn Grass Seed

A very superior blend of only the finest and most desirable separate lawn grasses in such proportion as to produce a perfect lawn, but one which requires no special care such as an all-Bent Mixture. The Elite turf is of very fine texture and splendid deep green color yet is sturdy and withstands normal wear. It lends itself to easy mowing and because of its thick, close root-mat discourages the growth of ordinary weeds. It is not mixed to sell at a fixed price and is better value than cheaper mixtures.

Lb. \$1.05; 5 lbs. \$5; 10 lbs. \$9.50; 25 lbs. \$23.25; 100 lbs. \$90, delivered.

Branch Brook Park Lawn Grass Seed

This mixture, named for one of Newark's beautiful parks, is recommended for use where the low cost of materials is of more importance than extreme fineness of turf. The individual grasses used are of fine recleaned quality and high vitality. It will take about five weeks to produce a good covering of turf. This will withstand normal wear and has a fine color. We include no White Clover in this mixture.

$\frac{1}{2}$ lb. 45 cts.; lb. 80 cts.; 5 lbs. \$3.75; 10 lbs. \$7; 25 lbs. \$17; 100 lbs. \$65, delivered.

Lawn Clovers

Kent Clover (Wild White Clover). The plants bear fewer blossoms than ordinary white Clover, grow very close to the ground, are tenacious and form a dark green, thick sward. Oz. 35 cts.; $\frac{1}{4}$ lb. \$1; $\frac{1}{2}$ lb. \$1.70; lb. \$3.

White Clover. A very hardy creeping perennial with dark green compact foliage. Used where it is difficult to produce a lawn with grass seed only. Use 1 lb. with 25 lbs. of lawn seed. $\frac{1}{4}$ lb. 45 cts.; $\frac{1}{2}$ lb. 80 cts.; lb. \$1.50; 10 lbs. \$14; 100 lbs. \$130.

LAWN TOOLS FOR THE PROPER CARE OF YOUR LAWN

We offer these tools, of good quality, to help you maintain your lawn in the best condition.

Lawn Mowers	Rubber Hose	Lawn Brooms	Rifle Weedeers	Fertilizer Spreaders
Lawn Rollers	Soil Soakers	Grass Shears	Hose Reels	Grass Hooks & Whips
Lawn Sprinklers	Lawn Rakes	Lawn Weeders	Mole Traps	Leather Garden Gloves

FORBES LAWN SEED FOR EVERY NEED

When comparing prices look on the package for the percentage analysis required by State Law. You'll find that you get your money's worth if you buy Forbes Lawn Seed.

Shady Place Lawn Grass Seed

It is difficult to grow grass in the shade and under trees because the trees use up nearly all the food and moisture in the soil. This mixture will thrive better than any other and is the best possible for under trees. Water frequently and delay mowing until the grass is well started.

½lb. 55 cts.; lb. \$1.05; 5 lbs. \$5; 10 lbs. \$9.50; 25 lbs. \$23.25; 100 lbs. \$90, delivered.

Terrace Lawn Grass Seed

The grasses used for a sloping bank or terrace must have such roots as will withstand the washing caused by heavy rains. This mixture forms a network of densely matted roots of deep-rooting character. These deep roots will better withstand drought during the summer as they reach down below the surface dryness. After seeding, cover with a little soil and firm down to keep from washing out. On steep slopes it is best to cover before seeding with large-mesh light cloth, pinned down. Then seed and roll in. Cloth will rot away.

½lb. 55 cts.; lb. \$1.05; 5 lbs. \$5; 10 lbs. \$9.50; 25 lbs. \$23.25; 100 lbs. \$90, delivered.

Special New Jersey Lawn Mixtures

We offer below the Lawn Grass Seed Mixtures we have prepared from highest quality individual grasses, in accordance with the formula recommended and published by the New Jersey State Agricultural Experiment Station, at New Brunswick, N. J.

Formula No. 1A. This mixture contains no White Clover and is specially prepared for fair to good soils. Lb. \$1.05; 5 lbs. \$5; 10 lbs. \$9.50; 25 lbs. \$23.25; 100 lbs. \$90.

Formula No. 2. For finest quality turf and for renovating established lawns. Lb. \$1.10; 5 lbs. \$5.25; 10 lbs. \$10; 25 lbs. \$24.50; 100 lbs. \$95.

We ship all Lawn Grass Seed Mixtures, transportation free, to any point in the U. S. A.

Individual Grass Seeds

These are true, unblended new crop, recleaned to the highest purity and germination. The prices below are subject to market changes

Bent, Astoria (*Agrostis capillaris*). Dense matted sod binds well. Develops from strong underground runners. Sow 125 lbs. to the acre. Lb. \$1.90; 10 lbs. \$18; 100 lbs. \$170.

Bent, Colonial or Rhode Island (*Agrostis tenuis*). Makes excellent fine turf on moist soils. Lasts indefinitely under close mowing. This variety thrives well on acid soils. For lawns, sow 175 lbs. to the acre. Lb. \$1.80; 10 lbs. \$17; 100 lbs. \$160.

Canada Blue Grass (*Poa compressa*). A suitable grass for hard, dry soils. Excellent for rooting on steep places. Sow 42 lbs. to the acre. Lb. 90 cts.; 10 lbs. \$8.50; 100 lbs. \$80.

Chewing's New Zealand Fescue (*Festuca rubra fallax*). Mat-like, green, tough turf with needle-like, bristly leaves suited to almost all soils including sand. Does well in shade. For lawn, sow 40 lbs. per acre. Lb. \$1.10; 10 lbs. \$10; 100 lbs. \$90.

Common Ryegrass. This is a mixture of Italian Ryegrass and English Ryegrass, grown in the United States. Lb. 40 cts.; 10 lbs. \$3; 100 lbs. \$25.

Perennial Ryegrass (*Lolium perenne*). Forms compact sward, bright green through season, and is a rapid grower. Sow 60 lbs. to the acre. Lb. 55 cts.; 10 lbs. \$5; 100 lbs. \$45.

Kentucky Blue Grass, Superfine (*Poa pratensis*). Suited to a variety of soils and used as pasture. It is unusually early, showing green in early spring when other grasses are still dormant. Sow 60 lbs. to the acre. Lb. 90 cts.; 10 lbs. \$8.50; 100 lbs. \$80.

Meadow Fescue (*Festuca pratensis*). Fine annual grass for permanent pastures, highly nutritious and relished by stock. Succeeds well in all soils but best on moist land. Grows over a long season. Sow 60 lbs. to the acre. Lb. 60 cts.; 10 lbs. \$5.50; 100 lbs. \$50.

Redtop Fancy, Superfine (*Agrostis palustris*). Used for mixing in hay or permanent pasture in a moist, rich soil where it attains a height of 2½ feet. We offer best quality recleaned seeds, free from chaff. Sow 32 lbs. to the acre. Lb. 60 cts.; 10 lbs. \$5.50; 100 lbs. \$50.

Rough-stalked Meadow (*Poa trivialis*). A spreading, thickly matting species; leaf blades narrow, flat and dark green. Forms a fine turf; adapted for shade on fairways under trees. Thrives on moist and stiff clay lands. Lb. \$1.60; 10 lbs. \$15; 100 lbs. \$140.

Timothy (*Pleum pratense*). Perennial, 4 feet high, thrives in moist, loamy soils. Sow 40 lbs. per acre. Lb. 30 cts.; 10 lbs. \$2.50; 100 lbs. \$18. (A bushel weighs 45 lbs.)

Field Seeds

The prices below are subject to market changes. Samples and current prices on request. Please compare our quality when you consider other offers

Alsike Clover. The hardiest of all and stands freezing. Good for green forage, pasture, or hay, it is sown with other grasses and Clovers, forming a thick bottom and increasing the hay yield. Sow in the spring, if alone, 8 lbs. per acre; if used with Red Clover and Timothy, add 3 lbs. per acre. Weighs 60 lbs. to the bushel. Lb. \$1; 10 lbs. \$9.

Red Clover. Does well on all except sour soils growing two crops per year 2 feet high. It yields 2 to 3 tons of cured hay per acre. If alone, broadcast in the spring 14 lbs. to the acre; or 8 lbs. with 20 lbs. Timothy. Weighs 60 lbs. to the bushel. Lb. \$1.25; 10 lbs. \$10.

Buckwheat, Mammoth. A large-seeded strain giving a very heavy yield. It is best to sow

75 pounds to the acre, if alone about June 15, or if with Clover from then until August 1. After the Buckwheat is taken off, the Clover will make good growth but if the Buckwheat is killed by frost it will make an excellent mulch to improve the Clover. Lb. 20 cts.; 10 lbs. \$1.40; 100 lbs. \$12.

Rye, Selected Rosen. Fine for summer and fall cover cropping and yields a heavy crop if grown for grain. Sow 5 lbs. per 1000 sq. ft. Lb. 20 cts.; 10 lbs. \$1.25; 100 lbs. \$10.



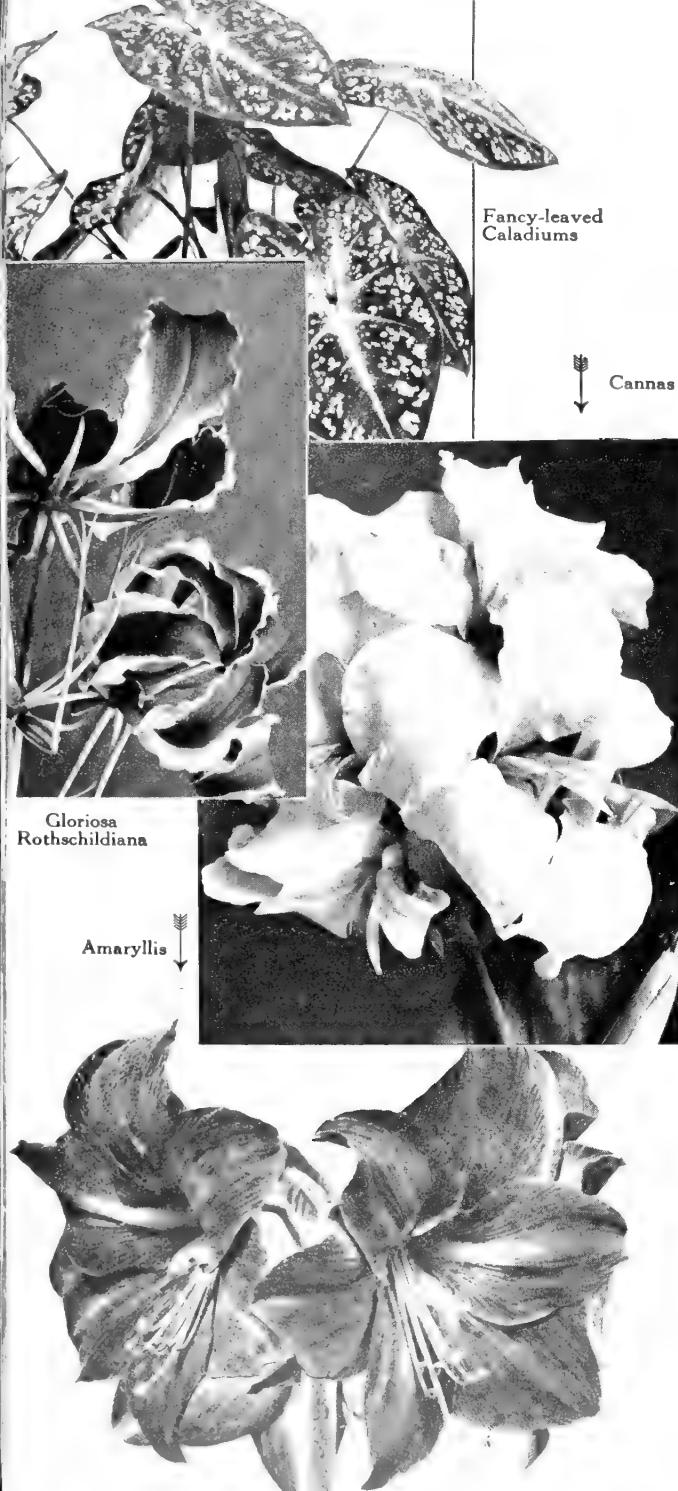
Sown with our Shady Place Lawn Grass Seed



Sown with our Terrace Lawn Grass Seed

FORBES SUMMER-FLOWERING BULBS

During recent years there has been a tremendous increase in the interest shown by flower fanciers in those summer and fall flowers produced from spring and early summer-planted bulbs or roots. And yet when the ease of culture, adaptability to soil conditions, certainty of success and the beautiful color effects possible are considered, it is surprising that this interest has been so tardy. The remarkable advance in the development of this class of flowers has no doubt increased their popularity, and the range of color and form seems unlimited.



Amaryllis

These gorgeous blooms are very easily grown for indoor display. Pot the bulbs singly in 6-inch pots in good garden loam enriched with bone-meal. Water slightly and keep in a dark place at 50 to 60° temperature for about a month until well rooted, then expose to full sun and water regularly. It is essential for good bloom that the roots become crowded in the pot. For garden bloom plunge the pots in June in the border in a warm, sunny spot. Take indoors before frost and store dry for three months. Then force again through winter.

Giant-flowered Hybrids. These bulbs produce trumpet-like, perfect blooms in pairs on strong stems. The colors range from beautiful markings of rose, red, and crimson on white grounds to scarlet, crimson, bright red, cherry, and maroon self colors. Large bulbs, 75c each; \$7.50 per doz.

Anemone

These come in exceedingly brilliant colors from June on and are fine for borders and cutting. Plant as early as possible in spring, 6 inches deep, in a cool, moist, but well-drained soil. Mulch in winter. May be grown indoors in pots.

St. Brigid, Mixed. Single and semi-double, cup-shaped flowers, often over 3 inches across, in bright scarlet, purple, maroon, lilac, etc. Ht. 1 ft. 80c per doz.; \$6 per 100.

Begonias, Tuberous-rooted

These beautiful flowers are excellent for shady borders from July to frost and are also unusually fine for indoor house plants. They are of very easy culture. For bedding, plant the tubers in May, 10 inches apart and cover with an inch of soil. They require ample moisture and good drainage. For indoor forcing, plant 3 tubers to a 7-inch pot in finely sifted, sandy loam containing leaf-mold. Cover with $\frac{1}{2}$ inch of soil and water sparingly. Keep at 60 to 70° temperature. After good growth is made, water quite freely. Tubers may be started indoors in March or April and later transplanted to beds.

Double, Camellia-flowered. These fine flowers of waxy texture closely resemble a camellia. **Crimson, Rose, Salmon, Scarlet and Yellow.** 35c each; \$3.50 per doz.

Single, Crispata. These large, waxy, broad-petaled, single flowers have beautifully frilled and ruffled edges. Excellent for planting in shade. **Crimson, Rose, Salmon, Scarlet, and Yellow.** Not available.

We also offer pot-grown Begonia plants. See page 43

Callas

Unlike the winter-flowering white Calla, these are wonderful garden subjects of easy culture. In April or May plant groups of bulbs, in sun or part shade, in moist soil. They will bloom in August-September. Lift the bulbs before hard frost and store. May be potted in the fall for indoor bloom.

Pink (Rehmanni). An unusual plant with small, rose-pink flowers of great beauty. Effective for margins, it grows only 12 inches high. 80c each; \$8 per doz.

Yellow (Elliottiana). Lustrous, golden yellow large flowers on sturdy 2-foot plants. The foliage is dark green spotted with cream-white. 65c each; \$6.50 per doz.

Fancy-Leaved Caladiums

Gorgeous foliage plants for outdoor bedding in shady or semi-shady positions. Start bulbs in pots, planting one bulb to a 6-inch pot. Use a well-drained sandy loam, water sparingly, and keep at 60° until well started. Then water freely. **Extra-choice Mixture.** 45c each; \$4.50 per doz.

Canna Roots

Cannas are the most economical and effective plants employed in our gardens. They bloom from early summer until frost in all sections of the country, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded deeply, and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times freely watered. Plant the dormant roots after May 15, spacing them 18 inches apart. Set them with the "eye" just above the ground. Most effective when planted in masses of one variety.

Hungaria. Very large, big-petaled, salmon-pink flowers above attractive bluish green foliage. Ht. 4 ft.

King Humbert. Orange-scarlet flowers, 6 inches across, flecked with bright red. Coppery bronze, foliage. Ht. 4 ft.

King Midas. The canary-yellow flowers are of good size held well above the contrasting green foliage. Ht. 4 ft.

The President. Immense, glowing bright red flowers, 7 inches across when open. Rich green foliage. Ht. 4 ft.

Wintzer's Colossal. A bright scarlet variety with large blooms often 8 inches across. The foliage is green. Ht. 4 ft.

Largest dormant roots of any of above, 3 for 55c; \$1.85 per doz.; \$13 per 100

We also offer pot-grown Canna plants. See page 43

Cinnamon Vine

A beautiful, rapid-growing summer climber, with bright green, glossy foliage, and cinnamon-scented, white flower spikes. Hardy. Select roots, 20c each; \$2 per doz.

Gloriosa

Easily grown in a sheltered sunny place; blooms through summer and fall. Pinch back to induce bushy growth and water well in dry weather. Lift tubers before frost and store over winter like Gladiolus. Replant year after year.

Rothschildiana. A splendid low, 2 to 3 foot climber with many gorgeous, waxy, lily-like, 3-inch flowers with prominent, curved stamens and waved, reflexed petals opening red and yellow and changing to deep scarlet. Tubers, 85c each; \$8.50 per doz.

Ismene

These delightful Peruvian Daffodils will bloom in late July if the bulbs are planted in late May or June after the ground is dry and warm. To bloom earlier, start the bulbs indoors in April and shift to the garden in late May. Lift the bulbs before frost and store dry over winter at 60° F.

Calathina. Long-lasting umbels of three or four, pearl-white, lily-like flowers on long-leaved plants 2 feet high. Large bulbs, 45c each; \$4.50 per doz.

FORBES SUMMER-FLOWERING BULBS

From the viewpoint of cut-flowers alone, every gardener is justified in growing a variety of these flowers. They may also be used to great advantage for group plantings in the perennial border. Enjoy some this year.

Dahlias

With such great variety in size, form, color and height, these are effective in the border, in massed plantings, as backgrounds and are excellent for cutting.

Decoratives

These double flowers have broad petals, spaced regularly in the Formal Decoratives (F.D.) or irregularly in the Informal Decoratives (I.D.). Space plants 3 to 4 feet apart.

Clara Carder. (F.D.) Large blooms of beautiful cyclamen-pink on good stems. Very attractive.

Jane Cow. (I.D.) Strikingly beautiful blooms of bronzy buff and old gold, deepening toward the center.

Jersey's Beauty. (F.D.) Large flowers of great depth on wiry stems. A lovely pink with light chamois shading.

Mrs. Geo. Le Boutillier. (I.D.) Very large, deep flowers of carmine-red, shading to cardinal-red at the center.

Mrs. I. de Ver Warner. (F.D.) A beautiful shade of mauve-pink. Large, well-formed blooms on strong stems.

Red Jersey's Beauty. (F.D.) A brilliant deep red version of the famous Jersey's Beauty, having all of its fine points.

Watching Giant. (I.D.) Very large blooms of deep amber-yellow suffused with cadmium-orange.

White Wonder. (I.D.) Pure white flowers with long twisted and curled petals. A strong grower.

Any of the above 8, 60c each; \$6 per doz.

Outstanding New Decoratives

California Idol. (I.D.) Giant, deep flowers of clear glistening bright yellow. Blooms in profusion on strong plants.

Commando. (F.D.) Very large, clean dark lavender flowers held erect on strong stems. Healthy plants.

Mrs. Wm. Knudsen. (I.D.) Beautiful waxy pure white flowers of large size. Already known as a prize winner.

Ruby King. (I.D.) Large, deep flowers with attractively waved petals of rich red shading to deep ruby at the center.

Any of the above 4, 95c each; \$9.50 per doz.

Minatures

These, unexcelled for the border, produce dwarf, 3-foot, plants, free-blooming and long-keeping cut-flowers. Plant 2 feet apart. They require no disbudding or staking.

Billy Boy. (Min. F.D.) A profusion of delightful deep red flowers which are excellent for cutting.

Blue Belle. (Min. F.D.) Attractive full-double, rich violet-blue flowers produced continuously up to frost.

Corallette. (Min. F.D.) Charming double flowers of glowing coral-pink in profusion on dwarf bushy plants.

Corinna. (Min. F.D.) These give a very bright sunny effect with their cheerful deep yellow flowers.

Any of the above 4, 60c each; \$6 per doz.

Pompons

These delightful small, ball-shaped cut-flowers through late summer and fall, require very little care. They grow 2½ feet high and the more you cut the more they bloom.

Betty Anne. Exceptionally fine, with small uniform blooms of soft rose-pink on healthy, vigorous plants.

Johnny Peppin. Very small flowers, 1¼ inches across, of almost perfect ball-shaped. The color is dark red.

Little Snow White. A perfect pure white pompon with flowers held up well above the foliage.

Yellow Gem. Fine deep yellow blooms, 1½ inches across, of perfect form, on nice long stems.

Any of the above 4, 45c each; \$4.50 per doz.

DAHLIA CULTURE. Dahlias like a good soil but not too rich, in sun. Dig a hole 16 inches deep, firmly backfill 10 inches with half sand, half loam, well mixed for good drainage. Set stake, lay tuber flat and cover with 3 inches of soil. As growth appears, gradually fill hole to surface and then mound up. When plant is a foot high, tie to stake and feed with 2 or 3 ounces of fertilizer stirred into surface. Shallow cultivate frequently and mulch during hot months. Disbud side shoots. For cut flowers strip leaves from lower stems. Cut stems and quickly immerse in water hot to the touch. After cooling shift to cold water overnight.

Hardy Lilies

These Lilies, with their wonderful beauty and fragrance, appear best when planted in groups against a background of shrubbery. They thrive in well-drained soil.

Auratum. Huge ivory flowers spotted dark red, central yellow band on petals, in August. Ht. 4 ft. Plant 8 in. deep, in acid soil, in sun or part shade. \$1 each, \$10 per doz.

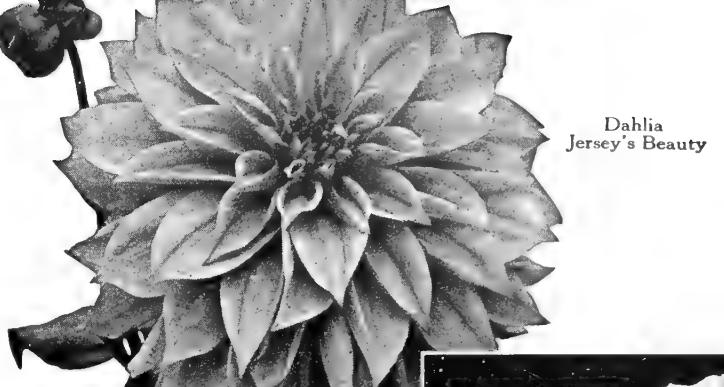
Regale. White funnel blooms, shaded pink and streaked brown, inside flushed yellow in July. Ht. 5 ft. Plant 8 in. deep in sun. 9-10 in. bulbs. 65c each; \$6.50 per doz.

Speciosum rubrum. Graceful, ruby-carmine, white edged flowers with reflexed red-spotted petals, in August. Ht. 4 ft. Plant 6 in. deep in sun. \$1 each, \$10 per doz.

Tenuifolium (Coral Lily). Thread-like leaves and clusters of recurved, coral-red bell flowers in June. Ht. 2 ft. Plant 6 in. deep in partial shade. 30c each; \$3 per doz.

We also offer pot-grown plants, started last fall, of the following Lilies. See page 50.

	Each	3 for	Doz.
Candidum (Madonna Lily).....	\$0 75	\$2 10	\$7 80
Regale (Regal Lily).....	80	2 25	8 40
Speciosum rubrum	1 25	3 60	13 75
Tenuifolium (Coral Lily).....	45	1 20	4 25
Umbellatum atrosanguinum . Red...	75	2 10	7 80
Umb. grandiflorum . Orange-red...	75	2 10	7 80
Umbellatum, Orange Triumph ...	1 00	2 85	10 75



Dahlia
Jersey's Beauty



Ismene calathina



Begonia, Double Camellia-flowered



Lily, Speciosum rubrum



Ranunculus, Giant
Claremont Hybrids

Ranunculus

Fine 15-inch border plants for cutting. In May plant the bulbs with claws downward, 3 inches deep and 6 inches apart.

Giant Claremont Hybrids. Double and semi-double, peony-like flowers, 2 inches or more across in every shade of yellow, orange, pink and red. 90c per doz.; \$6 per 100.

Tigridias

In May, plant in a sunny, well-drained border, 4 inches deep and 6 apart. Water well. Bloom July to Sept. Ht. 3 ft.

Pavonia Mixed. Large 3-petaled, open flowers with contrasting cup. In brilliant colors. \$1.50 per doz.; \$10 per 100.

Tuberoses

Select a sunny, well-drained, rich soil and in May, plant 2 inches deep. The flowers, in Aug.-Sept., are very fragrant.

Excelsior, Double Pearl. Spikes of waxy, white. Ht. 2 ft. Mammoth Bulbs 25c each; \$2.50 per doz.; \$18 per 100.

FORBES GLADIOLUS BULBS

For charm and color, few other flowers compare with Gladiolus. They can be grown with very little effort as they thrive in ordinary garden soil. The tall green stems, fairly bursting with brilliant color, provide a luxuriance of rainbow beauty. For cut-flowers, Gladiolus are unexcelled. Mass them together in solid beds, plant them in borders, and among shrubbery. With successive planting from April through June, they will bloom from July until frost. Plant bulbs 4 inches deep and 4 inches apart, cultivating frequently and watering freely. They revel in full sunshine. Thrip are now easily controlled with D.D.T. Soak the bulbs before planting in a gallon of water containing 2 teaspoons of Dapspray. Dust the plants every 10 days with 5 per cent D.D.T. dust.

The Cream of the Gladiolus Crop

Algonquin. An early, brilliant glowing scarlet with 8 wide open, ruffled florets on a tall, straight spike. Regarded as the best scarlet.
Bagdad. Smoky old-rose deepening toward the edges and lighter in the throats. An unusual and distinctive color combination.
Beacon. A bright rose-scarlet with a very large cream throat-blotch. Tall spike, heavily budded, many flowers open at one time.
Bit o' Heaven. Flaming deep orange with yellow shadings in the throat. Well formed spikes with 8 to 10 flowers open at one time.
Blue Beauty. Large wide open florets of light blue with violet-blue shadings at the petal edges. A very fine exhibition variety.
Chamouny. A delightful silvery, cerise-rose with the faintest edging of pale rose. It is unusually nice for cutting.
Commander Koehl. One of the best reds—a brilliant scarlet-blood-red. This is late, with large flowers on tall stems.
Dr. F. E. Bennett. Huge deep stony scarlet blooms suffused peach-red, the lips being speckled with ruby and white, on stiff stems.

Any of the above 16 varieties, \$1.50 per doz; \$10 per 100

A NEW GIANT RACE OF GLADIOLUS

Here's your opportunity to try these new Dutch Creations exceeding in size and coloring anything you have grown before. Nothing can match them for crisp, vibrant color. The very tall huge flower spikes are really superb. To acquaint you with these garden beauties we offer five varieties.

Delicate. Beautifully reflexed florets of purest white with a delicate carmine feather in the throat. The huge spikes are of perfect form.
Dirk Bouts. The largest, soft clear lilac-rose ever grown, with a small carmine spot on a lower petal. Makes a display not easily forgotten.
Else Poulsen. An outstanding rose-pink with eight or more flowers open at one time. Already a show sensation in Europe.
Firedome. Very tall, uniform flower spikes of brilliant, deep velvety carmine of a shade brand new to Gladiolus.
Frans Verwalt. A large, clear lemon yellow of great charm with nicely ruffled, well placed florets. This is a very beautiful variety.

The above 5, 3 bulbs for \$1; \$3.75 per doz.; 5 bulbs of each for \$7.25

Forbes Rainbow Gladiolus Mixture

Made with bulbs of ten different shades of color

Plan now for a rainbow display of Gladiolus in this year's garden. These wonderful summer flowers, with their wide color range, will brighten your borders from July until frost. Easily grown and thrive in any garden soil. Forbes famous Rainbow Gladiolus Mixture is especially prepared from largest-sized bulbs of *ten* distinct named varieties of *ten* different shades of color. This is far superior to ordinary commercial bulb mixtures of unknown color balance. Each 50 bulbs consists of 5 bulbs of each shade.

90 cts. for 10 bulbs; \$3.95 for 50; \$7.75 per 100; \$75 per 1000

Full cultural directions enclosed in every package

FORBES PEONIES

Supremely gorgeous and of life-long permanence, Peonies form the basis of every well-considered flower-garden. As individual clumps or in borders in front of shrubbery they are magnificent in flower and handsome in foliage throughout the season.

Culture. Plant 4 feet apart in a fertile, well-drained, moderately heavy, deep soil in a sunny or lightly shaded location. Dig a hole 2 to 2½ feet wide and 2 feet deep. Mix half the soil with plenty of old, well-rotted manure and a 4-inch potful of bone-meal. Backfill this and tamp down hard. Thoroughly mix the remaining half of soil with a shovelful of wood ashes, a handful of bonemeal, a lot of humus and a little lime-stone. Backfill and tamp hard. Further settle with water for a few days. When planting roots, cover the eyes with just 2 inches of soil. Set wire rings on stakes to support plants. Irrigate deeply during May and again in Aug.-Sept. Mulch over winter and avoid late spring freezes. Divide clumps every 4 to 5 years. For best bloom disbud side shoots, leaving only terminal flowers to develop.

Strong, 3 to 5-eye divisions of the named varieties below, for fall delivery only.

Peonies in Separate Colors

We offer, for present planting, 2-year-old divisions with 3 to 5 eyes, **Double Pink**, **Double Red**, and **Double White**. 75¢ each; 3 for \$2.10; \$7.75 per doz.

Edulis Superba. Early; large, loose, very fragrant, deep pink. \$1 each; 3 for \$2.75.

Felix Crousse. Midseason; medium large, globular, red. \$1.50 each; 3 for \$4.25.

Festiva Maxima. Early; white with crimson markings. \$1.25 each; 3 for \$3.50.

Karl Rosenfield. Early; large red of great beauty. \$1.75 each; 3 for \$5.

Mons. Jules Elie. Midseason; large pure pink, lasts when cut. \$1.25 ea.; 3 for \$3.50.

Sarah Bernhardt. Midseason; fine apple-blossom-pink. \$1.50 each; 3 for \$4.25.

Solange. Late; white with center shaded orange and gold-brown. \$2 ea.; 3 for \$5.75.

Therese. Midseason; charming violet-rose changing to lilac-white. \$1.75 each; 3 for \$5.

HARDY GARDEN CHRYSANTHEMUMS

There is nothing to excel these in satisfaction or to bring color to the garden in the fall of the year. They like rich soil, lots of sun and water. The varieties offered below are the best in color and type, and will make a tremendous show for a small outlay. Our plants, ready in May, are in 3-inch pots with well-developed root-systems.

You can make your own selection and take them with you, or send in your order and we will deliver, if you live within our delivery area. See Free Delivery on page 56.

	Color description	Height	In Bloom	Each	3 for	Doz.
CUSHION MUMS or AZALEAMUMS						
Apricot Glow	Richly hued apricot-bronze, 2½-in. double blooms.	1½ ft.	Sept. 5			
Champion Cushion	A myriad of rusty, red-bronze, 2-in. flowers.	15 in.	Sept. 10			
Major Cushion	Deep rose-pink, 2-in. flowers paling very little.	12 in.	Sept. 10			
Red Cushion	Beautiful, striking deep red, 2-in. flowers.	15 in.	Sept. 10			
September Bronze	Warm bronze shading to golden bronze, 2 in. across.	1½ ft.	Sept. 20	\$0.45	\$1.20	\$4.25
September Gold	Flowers, 2 in. across, of brilliant golden yellow.	1½ ft.	Sept. 20			
White Cushion	Opens delicate pink but turns to pure white.	12 in.	Sept. 10			
Yellow Cushion	Covered with bright, clear yellow 2-in. flowers.	12 in.	Sept. 10			
POMPON VARIETIES						
Burma	Glistening bronze, tinted orange and copper.	2 ft.	Sept. 25	.50	1.35	4.75
Fred F. Rockwell	Bronze and orange-scarlet tones; prolific; resists frost	2 ft.	Oct. 1	.75	2.00	7.50
Mandalay	Small, neatly formed, brilliant orange-bronze flowers.	1½ ft.	Oct. 1	.50	1.35	4.75
Pepita	Eggshell white, darker center; later pure white	2 ft.	Sept. 20	.50	1.35	4.75
Ruby Pompon	Great profusion of neat, crimson-ruby flowers.	2½ ft.	Oct. 1	.50	1.35	4.75
DOUBLE VARIETIES						
Algonquin	Double yellow, full flowers, 2½ in. across.	1½ ft.	Sept. 15			
Autumnsong	Wine-rose shading to carmine, 3 in. across	2 ft.	Sept. 5			
Avalanche	Magnificent, pure white flowers, 4 to 5 in. across.	2 ft.	Sept. 20			
Betty	Semi-double, fine apple-blossom pink, upright plant	2 ft.	Sept. 20			
Burgundy	Glowing wine-red flowers, 2½ in. across.	2½ ft.	Oct. 5			
Charles Nye	Bright golden yellow, 2½ in. across, ball shaped.	2½ ft.	Sept. 25			
Chippewa	Double, 3½ in. aster purple; slightly incurved petals	2 ft.	Sept. 1	.50	1.35	4.75
Courageous	Vivid crimson-red, 3½ in. flowers which last well	2½ ft.	Oct. 1			
Eugene A. Wander	Golden yellow, shaggy, double, 4 to 5 in. Very hardy.	2 ft.	Sept. 15			
Fireglow	Brilliant Oriental red, 2-in., semi-double flowers.	1½ ft.	Sept. 5			
King Midas	Soft yellow, slightly suffused bronze, 4 in. across.	2½ ft.	Sept. 25			
Lavender Lady	Fine pure lavender, 3-in., full-double flowers.	2½ ft.	Oct. 5			
Mme. Chiang Kai-shek	(New.) Chrome and cadmium-yellows, tinted old gold, suffused rose. Full double, firm. Magnificent.	2½ ft.	Sept. 5	1.00	2.75	8.50
Mrs. Pierre S. du Pont	Blend of rose-salmon, peach-pink and fawn.	2½ ft.	Oct. 1			
Olive Longland	Light apricot-toned salmon-pink, 3 in. flowers	2 ft.	Sept. 20			
Pale Moon	Fluffy soft yellow flowers, 2½ in. across.	2½ ft.	Oct. 5			
Pink Radiance	Soft pink, 3-in., double flowers. Very hardy.	2½ ft.	Sept. 25	.50	1.35	4.75
Polar Ice	Very excellent, 3-in. flowers of pure white.	2½ ft.	Sept. 15			
Red Velvet	Full-double, rich velvety crimson-red flowers.	2½ ft.	Oct. 5			
SPoon VARIETIES						
Orchid Spoon	Beautiful, 3-in. flowers of orchid-lilac.	2½ ft.	Oct. 5			
White Spoon	Large, handsome flowers of pure white.	2½ ft.	Oct. 5			
Yellow Spoon	Large, golden yellow flowers 3½ in. across.	2½ ft.	Oct. 5			
SINGLE VARIETIES						
Autumn Lights	Brilliant coppery red flowers tinted with bronze.	1½ ft.	Oct. 1	.50	1.35	4.75
Crimson Splendor	Very attractive crimson flowers fine for cutting.	2½ ft.	Oct. 5	.50	1.35	4.75
Summertime	Good-sized, single yellow, in profusion. (New.)	1½ ft.	July 15	.75	2.00	7.50

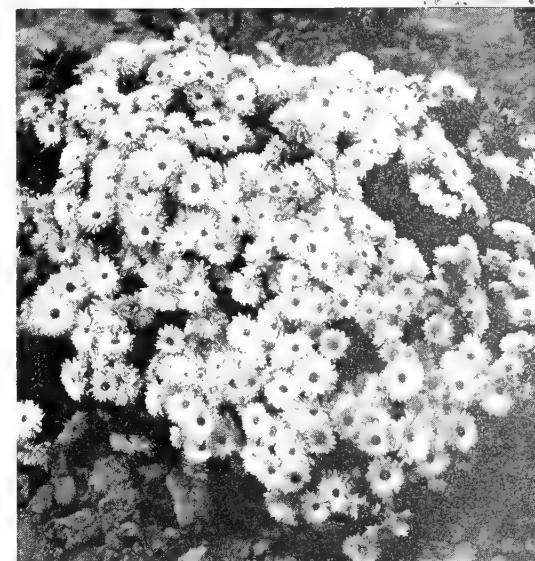
See Our Hardy Chrysanthemums in Full Bloom Next Fall!

Here is a wonderful opportunity to see all of the above varieties in full bloom at our Hanover Sales Garden next fall. The approximate flowering dates are shown above. Next fall all plants, in bloom, will be for sale in 6-inch pots. They may be moved to your garden while in bloom without suffering any set-back.

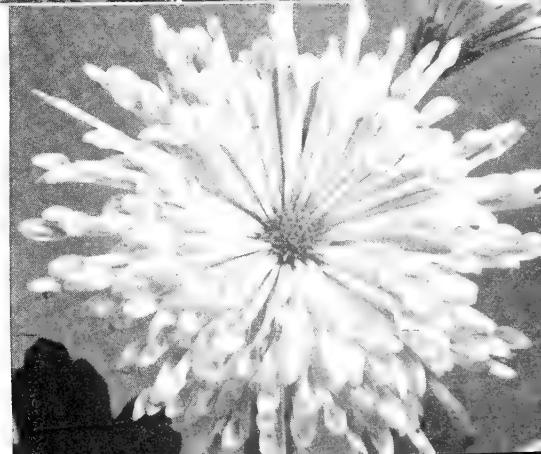
Whether you buy or not, come in and enjoy seeing them. And bring your friends.



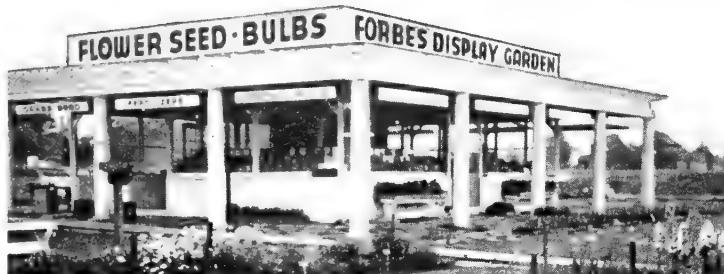
Chrysanthemum, Eugene A. Wander



Chrysanthemum
Fred F. Rockwell
Cushion



Chrysanthemum
Orchid Spoon



A view of our Field Store on Route 10, at Hanover, N. J.

Stop at ... FORBES SALES GARDEN Route 10, Hanover, N. J. • Open March 1 to December 1

Vegetable Plants

Tomato plants are ready after May 1, Eggplants and Peppers about May 15, and the others about April 15. There are about 60 plants in a flat of Eggplants, about 80 in a flat of the other kinds.
Broccoli, Green Sprouting.
Brussels Sprouts, Half Dwarf.
Cabbage, Copenhagen Market.
Cabbage, Red Acre.
Cabbage, Drumhead Savoy.
Cabbage, Late, Wisconsin Hollander.
Cauliflower, The Forbes.
Celeriac, Knob Celery, Moonarchie.
Celery, Golden Plume.
Celery, King Pascal (green).

Eggplant, Black Beauty.
Kohlrabi, White Vienna.
Lettuce, Great Lakes (Iceberg)
Lettuce, White Boston.
Lettuce, Romaine Cos.
Parsley, Double Curled.
Pepper, California Wonder.
Pepper, Worldbeater.
Tomato, Marglobe, Ponderosa, Rutgers, Red Plum, Valiant, Jubilee.

Prices on Flat-grown Vegetable Plants above, 45c. per doz.; \$2 per flat.

Pot-Grown Vegetable Plants

Eggplant, Black Beauty; **Pepper**, California Wonder and Worldbeater; and **Tomato**, Jubilee, Marglobe, Rutgers, Ponderosa (Beefsteak) and Valiant.

All from 3-in. pots, Each 15c.; \$1.60 per doz.; 25 for \$3; 100 for \$11.

Asparagus Roots, Mary Washington. Rust-resistant, vigorous, excellent quality. Set 12 in. apart in rows 2 to 3 ft. apart with crowns 6 in. below surface, in well-enriched soil. 2-year roots, 25 for \$1.35; 50 for \$2.50; 100 for \$4.50.

Rhubarb Roots, MacDonald. Thin-skinned, bright red stalks of low acidity and delicate flavor. Vigorous plants. Set 2 ft. apart in rows 3 ft. apart in heavily manured, rich soil. Keep flower stalks cut back. Each 50c.; \$5 per doz.

IMPORTANT NOTICE: All plants are delivered free within our delivery area (see page 56) provided your order totals \$2 or more. We do not ship any plants to points outside of our delivery area.



FORBES CHOICE FLAT-GROWN PLANTS

With our increased facilities we offer this year a much greater variety of flowering plants for your selection. You will find below many of the hard-to-get bedding plants. As our Newark store is limited in space for handling plants in great variety, we suggest that you stop at Forbes Sales Garden on Route 10, Hanover, N. J., where you will find all the plants available. These are well-developed, strongly rooted plants that have been hardened off before you get them.

Annual Flower Plants

These are ready after May 1. There are about 48 plants in a flat of Ageratum, Bedding Begonias, Cynoglossum, Dahlias, Nemesia, Nicotiana, Double and Large-flowering Petunias and Salvia; about 60 in a flat of Dahlborg Daisy, Nierembergia, Bedding Petunias and Salpiglossis; and about 70 in all the others.

	Doz.	Flat	Doz.	Flat	
Ageratum , Dwarf Blue. For edgings, rock gardens. Ht. 4 in.....	65	\$2.25	Petunia , Bedding , Flaming Velvet. Rich blood-red. Large. Ht. 18 in.....	50	\$2.00
Alyssum , Dwarf White. For border margins, rock gardens. Ht. 4 in....	50	2.00	Petunia , Ruffled , (New). Little Giants Mixed. 2 in. flowers. Ht. 10 in....	65	2.25
Violet Queen. Round mounds for edgings, rock gardens. Ht. 4 in....	50	2.00	Petunia , Dwarf Bedding , Celestial Rose. Bright rose-pink. Ht. 13 in. Cheerful. Clear salmon-pink, large flowers on broad plants. Ht. 12 in....	50	2.00
Aster , Wilt-resistant Branching Mixed. For borders and cutting. Ht. 3 ft.	50	2.00	Heavenly Blue. Nice flowers of varying silver-blue. Ht. 13 in....	50	2.00
Begonia , Bedding . Red, Deep Rose or White. For shade. Ht. 1 ft....	65	2.25	Peach Red. Salmon overlaid with rosy cerise. Ht. 15 in....	50	2.00
Carnation , Chabaud's Giant Mixed. For borders and cutting. Ht. 20 in.	50	2.00	Snow Queen. Beautiful pure white, free-flowering plants. Ht. 13 in....	50	2.00
Centauraea cyanus, Mixed. Corn-flowers, borders, cutting. Ht. 3 ft.	50	2.00	Violacea. Deep violet-blue flowers of good size. Uniform. Ht. 13 in....	50	2.00
Cosmos , Dwarf Early Mixed. For backgrounds, cutting. Ht. 4 ft....	50	2.00	Mixed. Nicely balanced color mixture for bright borders. Ht. 13 in....	50	2.00
Cynoglossum , Firmament. Bright blue, borders, cutting. Ht. 15 in....	65	2.25	Petunia , Large-fld. , Dwf. Elk's Pride. Huge violet-blue. Ht. 12 in....	65	2.25
Dahlborg Daisy . Golden yellow, for edging. June to frost. Ht. 8 in....	65	2.25	Snowstorm. Big white with waved edges, cream throat. Ht. 14 in....	65	2.25
Dahlia , Unwin's Dwarf Mixed. Fine for border, cutting. Ht. 2 ft....	65	2.25	Petunia , Dwarf Giants of California. Mixture of huge ruffled. Ht. 12 in....	65	2.25
Didiscus cærulea . Blue Lace Flower. Fine for cutting. Ht. 1½ ft....	50	2.00	Petunia , All Double, America. Rose-pink, fringed. Ht. 12 in....	95	2.90
Larkspur , Giant Imperial Mixed. A must for cutting. Ht. 3 ft....	50	2.00	Portulaca , Mixed. Brilliant flowers for hot sunny spots. Ht. 6 in....	50	2.00
Lobelia , Dwarf Deep Blue. For neat edgings, rock gardens. Ht. 5 in....	50	2.00	Salpiglossis , Candelabra Mxd. Rich color combinations. Ht. 2½ ft....	65	2.25
Marigold , Extra Dwarf Double. Gold Crest. All golden yellow. 8 in. Spry. Mahogany-red with yellow centers for borders. Ht. 9 in....	50	2.00	Salvia , Bonfire (Scarlet Sage). Vivid scarlet spikes. Ht. 2 ft....	65	2.25
Sunkist. Rounded plants, deep golden orange overall. Ht. 9 in....	50	2.00	Farinacea, Blue Bedder. Blue Sage. Pretty flower spikes. Ht. 3 ft....	65	2.25
Yellow Pygmy. Light yellow for margins, borders. Ht. 8 in....	50	2.00	St. John's Fire. Very early flowers of brightest scarlet. Ht. 1 ft....	65	2.25
Marigold , Dwarf Double. Scarlet Glow. Very attractive. Ht. 10 in....	50	2.00	Splendens. The largest of all. Huge scarlet flower spikes. Ht. 3½ ft....	65	2.25
Marigold , Dwarf Single, Flash. Fine tangerine-red-bronze. Ht. 1 ft....	50	2.00	Scabiosa . Super Giant Mixed. For cutting and for borders. Ht. 3 ft....	50	2.00
Marigold , Large-fld., Guinea Gold. Double orange-gold. Ht. 2½ ft....	50	2.00	Snapdragon , Half Dwarf Mixed. Borders and cutting. Ht. 18 in....	50	2.00
Mammoth Mum. Pale yellow balls of incurved petals, huge. Ht. 3 ft....	50	2.00	Super Giant Mixed. The largest of all, huge flowers. Ht. 3 ft....	50	2.00
Sunset Giants, Mixed. Shades of orange and yellow. Ht. 4 ft....	50	2.00	Stocks , Giant Bismarck Mixed. Fragrant, in pastels. Ht. 2½ ft....	50	2.00
Yellow Supreme. Carnation-like, cream-yellow. Ht. 2½ ft....	50	2.00	Tagetes , Gnome. Neat plants for edges; gay single, orange. Ht. 6 in....	50	2.00
Nemesia , Dwarf Mixed. Orchid-like flowers, pretty colors. Ht. 8 in....	65	2.25	Torenia , Fournieri. Sky-blue snapdragon flowers, edging. Ht. 10 in....	50	2.00
Nicotiana affinis, White. Very fragrant, fine in masses. Ht. 3 ft....	65	2.25	Verbena , Giant Mixed. Bright flower heads on dwarf plants. Ht. 12 in....	50	2.00
Nierembergia , Purple Robe. Edging, rock gardens. Violet-purple. 10 in....	65	2.25	Zinnia , Dwarf Double Mixed. Flowers 2-inches across on 18 in. plants.. Lilliput Mixed. Deeply globe-shaped, double flowers. Ht. 18 in....	50	2.00
Petunia , Balcony Mixed. For window boxes, walls. Ht. 18 in....	50	2.00	Giant Mixed. Huge double flowers in attractive colors. Ht. 3 ft....	50	2.00
			Super Giants Mixed. Huge 5 to 6 in. flowers. Exceptional. Ht. 3 ft....	50	2.00

POT-GROWN BEDDING FLOWER PLANTS

These plants are unusually well-rooted and established in pots of ample size for fine development. They will, without any check, continue their sturdy growth in your flower bed or window box. In comparing with other offers please note that our pot sizes are larger than is usual thus assuring you of heavier, stronger root systems.

Begonia, Tuberous-rooted. Fine for shaded window boxes and borders. Ht. 1 ft. Offered in 4-in. pots.

Double Camellia-flowered. Beautiful waxy, Camellia-like, double flowers in lovely shades. Fine for cutting. In Red, Rose, Salmon, White and Yellow. Each, 3 for \$1.50; \$5.85 per doz.; 25 for \$11.25.

Browallia, Sapphire. Fine for shady margins. Dark blue with eye. Ht. 10 in. 3-in. pots. 3 for 60c; \$2 per doz.

Cannas. For sunny borders. **Hungaria** (Salmon-pink), **King Humbert** (orange-scarlet), **King Midas** (yellow), **The President** (red), **Wintzers Colossal** (scarlet). 5-in. pots, each, 3 for \$1; \$3.50 per doz.; \$25 per 100.

Dahlia, Unwin's Dwarf Mixed. Beautiful for borders or cutting. Ht. 2 ft. 4-in. pots. 45c each; \$4.50 per doz.

Fuchsias. For half shade in light soil. Fine for porch boxes and borders. Bloom all summer. In 4 fine varieties. 4-in. pots. 65c each; \$6.50 per doz.

Geraniums. Light salmon-pink, Light red, Dark red, and White. 4-in. pots. Any color, 55c each; \$6 per doz.

Heliotrope, Royal Fragrance. For window boxes, borders. Very fragrant. 4-in. pots, 45c each; \$4.50 per doz.

Impatiens, Holsti Salmon. Excellent for continuous bloom throughout summer in shaded borders. Ht. 1½ ft. 3-in. pots. 3 for 60c; \$2 per doz.; \$15 per 100.

Ivy, Baltica. Perfectly hardy, for walls or ground cover. Graceful. 4-in. pots. 60c each; \$6.50 per doz.

English. Fine for wall and ground covers even in dense shade. Hardy. 4-in. pots. 60c each, \$6.50 per doz.

Lantanas. For sunny borders. **Orange, Pink, Red and White.** 4-in. pots. Any, 45c each; \$5 per doz.

Field-Grown Bedding Flower Plants

These plants, with their attractive bloom, brighten the suit any color scheme and are beautiful for cutting. All are moderately priced and will succeed with ordinary care.

Bellis perennis. Double English Daisy. Fine for edging borders. Ht. 6 in. 40c each; 3 for \$1.10; \$4 per doz.

Myosotis, Victoria. Biennial Forget-me-not. For sunny borders. Ht. 8 in. 40c each; 3 for \$1.10; \$4 per doz.

Viola cornuta. Tufted Pansy. Excellent for sunny or lightly shaded border margins in rich soil, blooming from May through summer. **Arkwright Ruby**, ruby-crimson; **Blue Perfection**, mid-blue; **Chantreyland**, pure apricot; **Lutea splendens**, bright sunny yellow; and **White Perfection**, beautiful pure white. Ht. 6-8 in. Any of above, 30c each; 3 for 75c; \$2.50 per doz.

Viola cornuta, Jersey Gem. A true perennial form which profusely bears rich violet blooms resembling large violets from May to October if in rich soil in full sun. 35c each; 3 for \$1; \$3.50 per doz.

Morning Glory. In 3 colors, **Heavenly Blue**, huge sky-blue; **Pearly Gates**, white; **Scarlett O'Hara**, rosy crimson. 3-in. pots. 25c each; 3 for 70c; \$2.50 per doz.

Nemesia, Dwarf Mixed. Orchid-like flowers in attractive colors, for dwarf margins. Ht. 8 in. 3-in. pots. 3 for 60c; \$2 per doz.

Nierembergia, Purple Robe. Violet-purple, cup flowers all summer on 10-inch plants; edging, rock gardens. 3-in. pots, 25c each; 3 for 70c; \$2.50 per doz.

Petunia, Dwarf California Giants. Huge fringed flowers. Ht. 1 ft. 4-in. pots. 35c each; 3 for \$1; \$3.75 per doz.

Petunia, All-Double Dwarf, Mixed Colors. Very large, double, fringed flowers of great beauty in rose, pink, salmon, mauve and white on dwarf, compact plants. Ht. 1 ft. 4-in. pots. 45c each; 3 for \$1.25; \$4.75 per doz.

Rose Geranium. Very fragrant. Nice house or border plants. 4-in. pots. 35c each; 3 for \$1; \$3.75 per doz.

Salvia, Bonfire. Scarlet Sage for sunny beds. Ht. 2 ft. **Splendens.** Large scarlet spikes, strong plants. Ht. 3½ ft. **St. John's Fire.** Vivid scarlet on dwarf plants. Ht. 1 ft. 3-in. pots, each, 3 for 60c; \$2 per doz.; \$15 per 100.

Thunbergia, Mixed. Black-centered, single flowers in white, buff, orange and yellow. Fine for window boxes and walls. 3-in. pots. 3 for 60c; \$2.00 per doz.

Verbena, Giant Hybrids. Lavender, rose, scarlet, violet and white. 3-in. pots. 3 for 60c; \$2 per doz.

Vinca variegata. Green- and white-leaved trailing plants for porch and window boxes. 4-in. pots, 60c each; \$6.50 doz.



Petunia, Dwarf California Giants



Begonia, Double Camellia-Fld.

Vinca Variegata



Strawberries, Sparkle



Strawberry Plants

Here are eight leading sorts, best for North Jersey. Set plants 18 in. apart in rows 3 to 4 ft. apart in any good garden soil with plenty of moisture. Give shallow cultivation frequently and mulch, particularly over winter. *Plants are dug to order.*

Fairfax. (Early.) Large, dark berries of super flavor and quality. Vigorous, healthy, productive and hardy.

Premier. (Early.) Very hardy, frost proof. Huge, sure yielder. Large, attractive; good quality. Must be mulched.

Catskill. (Midseason.) The best for huge crops of huge berries. Extra-fine flavor and appearance.

Chesapeake. (Late.) Excels in beauty, size, color, firmness and extra quality and flavor. Sure cropper.

Red Star. (Very late.) Large, strong plants. Large, attractive; extra flavor. Sure and heavy cropper.

Any of previous 6, 25 for \$1.35; 100 for \$4.50

Gemzata. (Everbearing.) Excellent appearance and flavor. Vigorous plants produce heavily summer and fall.

Mastodon. (Everbearing.) Heavy crop throughout. Large; bright red of good quality. Dependable.

Either of above 2, 25 for \$1.85; 100 for \$6.50

Sparkle. (Midseason.) Best for New Jersey and best for freezing. Very productive, large glossy sparkling red.

FORBES HYBRID TEA ROSES IN POTS

All are strongly rooted, 2-year-old, No. 1 grade, field-grown plants established in 7-inch pots

In our selection of Everblooming Hybrid Tea Roses you will find the best of the recent introductions as well as those older favorites which, through sheer merit, are still among the finest available. Whether planted in beds by themselves or in small groups in perennial or shrub borders, they will flaunt their beauty from June until frost. In choosing potted Rose plants you are assured of live plants well established in ample soil and equal in every way to a dormant Rose which had been planted last fall. They are easily set in your garden without loss.

Ami Quinard.

\$1.50 ea.; 3 for \$4.25; \$15.50 doz.
Tall-branched, vigorous plants with pointed buds opening into medium-sized, semi-double flowers of deep velvety crimson with a coppery scarlet sheen. As they mature the color deepens. 17 petals.

California.

\$1.85 ea.; 3 for \$5.25; \$19.75 doz.
All-America Rose Selection, 1940. An outstanding Rose with a glorious shade of ruddy orange toned with saffron-yellow with the exterior of the broad petals overlaid with saffron-rose. This gives a two-tone effect of indescribable beauty. The buds are long and pointed and the flowers of enormous size. The growth is vigorous, with healthy, glossy green foliage. 30 petals.

Charlotte Armstrong.

\$1.85 ea.; 3 for \$5.25; \$19.75 doz.
All-America Rose Selection, 1941. The long, pointed, blood-red bud opens into a large, high-centered, full flower, cerise in hot weather and spectrum-red in cool weather, and 3 to 4 inches across. The plants are vigorous and very free flowering. The foliage is large, leathery, semi-glossy, deep green and highly resistant to mildew. 30 petals.

Christopher Stone.

\$1.50 ea.; 3 for \$4.25; \$15.50 doz.
A large, semi-double, vivid scarlet flower overlaid with velvety crimson, of delightful Damask fragrance. In fall the crimson deepens with black shadings. The plants are of vigorous, upright growth with bright green foliage, free flowering and apparently not affected by heat, as they bloom almost continuously. 35 petals.

Condesa de Sastago.

\$1.50 ea.; 3 for \$4.25; \$15.50 doz.
The golden yellow buds are beautifully striped with brilliant orange-red and develop into cupped, open, copper-colored flowers of spicy scent. The inside of the petals is oriental red, the outside golden yellow, giving an unusual bicolor effect. The free-flowering, vigorous plants have large, glossy dark green foliage. 50 petals.

Countess Vandal.

\$1.70 ea.; 3 for \$4.75; \$18 doz.
The long, pointed, tapering, orange-copper buds open to large, double, high-centered flowers of exquisite fragrance. The color is a delightful combination of copper, salmon and gold. The blooms are borne on long stems. 30 petals.

Dame Edith Helen.

\$1.50 ea.; 3 for \$4.25; \$15.50 doz.
With large, healthy, dark green foliage, the plants are vigorous and quite bushy in growth with strong canes. The glowing pink flowers are immense, full double, sweetly scented, and produced continuously. 60 petals.

Eclipse.

\$1.70 ea.; 3 for \$4.75; \$18 doz.
With streamlined, tapering buds, often 2 inches long, the semi-double, golden yellow flowers are very freely produced. The plants are vigorous and upright in growth with long, erect stems fine for cutting. They bloom consistently through the season. 25 petals.

Grande Duchesse Charlotte

\$1.85 ea.; 3 for \$5.25
All-America Rose Selection, 1943. This delightful aristocrat provides a color previously unknown in Roses. The beautiful long, streamlined buds are a glowing morocco-red and open to firmly petaled blooms of dusky coral-red which do not fade, and gradually merge to a soft coral-pink. The petals recurve and form a very artistic flower with a suggestion of carnation fragrance. 25 petals.

Golden Dawn.

\$1.50 ea.; 3 for \$4.25; \$15.50 doz.
Noted for its free blooming, this is an ideal garden Rose. The ovoid lemon-yellow buds, heavily splashed with crimson, develop into well-formed, sweetly scented, large, double, sunflower-yellow flowers which turn to lemon-yellow. The foliage is glossy and disease resistant. 45 petals.

Heart's Desire.

\$1.85 ea.; 3 for \$5.25; \$19.75 doz.
All-America Rose Selection, Gold Medal, 1942. A strong grower with rich green, luxuriant foliage and long-stemmed, ovoid buds, sometimes long and pointed. The deep red flowers with dark crimson shading are exceptionally fragrant and are freely produced throughout the entire season. The dark color holds well under hot sunshine. 25 petals.

Joanna Hill.

\$1.50 ea.; 3 for \$4.25; \$15.50 doz.
This Rose is invaluable in the garden. The attractive long, pointed, orange-yellow buds open to large, full, semi-double, long-lasting flowers of clear yellow with orange-yellow centers, the petal edges paling to cream. They are borne singly on long, strong stems and are excellent for cutting. The vigorous, upright plants bloom profusely. 40 petals.

Kaiserin Auguste Viktoria

\$1.50 ea.; 3 for \$4.25
The long, shapely buds open to delightfully scented, cream-white flowers with a slight lemon tint in the center. The very double, beautifully formed, long-stemmed Roses are remarkably fragrant. The vigorous, free-flowering, healthy plants are of medium height. 100 petals.

Katherine T. Marshall.

\$1.85 ea.; 3 for \$5.25; \$19.75 doz.
All-America Rose Selection, 1944. This clean, sparkling warm pink Rose comes on fine, erect-growing, very hardy plants with profuse, dark green, resistant foliage. The firm, slow-opening, long, pointed buds develop into large, cupped flowers with heavy, sun-resisting petals of coral-pink with a golden glow at the base. The rare beauty, delicacy of form and delightful fragrance combine to make this an exceptionally desirable Rose. 22 petals.

Mary Margaret McBride

\$1.85 ea.; 3 for \$5.25; \$19.75 doz.
All-America Rose Selection, 1943. The shapely, pointed, yellow-based coral-pink buds slowly open to a double, high-centered, clear deep coral-pink flower of perfect form and nice fragrance. The tall, healthy plants bloom quite freely and have smooth, dark green, leathery foliage. This Rose withstands the heat of summer very well. 50 petals.

Mirandy.

\$1.85 ea.; 3 for \$5.25; \$19.75 doz.
All-America Rose Selection, Gold Medal, 1945. The large, long-pointed, ovoid buds are deep rich dark red with black shadings and open to large, full blooms of a gorgeous chrysanthemum-red and a delightfully penetrating Damask fragrance. The plants are strong, free branching with heavy, stout stems and dark green foliage. They bloom continuously from early June until hard frost. 50 petals.

Mme. Chiang Kai-shek

\$1.85 ea.; 3 for \$5.25; \$19.75 doz.
All-America Rose Selection, 1944. Large, pointed, ivory buds developing to perfectly proportioned, spiral flowers of clear, pale canary-yellow with creamy outer petals. They come freely on vigorous, upright plants with heavy, bronzy canes and dark green foliage. The fragrance is delightful. 35 petals.

FORBES HYBRID TEA ROSES IN POTS

All are strongly rooted, 2-year-old, No. 1 grade, field-grown plants established in 7-inch pots

Here are five reasons for choosing potted Roses versus dormant bushes. (1) All plants are No. 1 grade, any smaller will not succeed in pots. (2) Our potted Roses have been growing in soil since March 1, virtually equivalent to dormant Roses planted last fall. (3) When set in your garden, potted Roses continue growth without loss of time or setback. (4) Before buying you can see that our potted Roses are radiantly alive and growing. This means no losses or failures. (5) In June you can select your favorites from the actual blooms themselves.

Mme. Jules Bouche. \$1.50 ea.; 3 for \$4.25; \$15.50 doz. Perfectly formed, long, pointed buds and high-centered flowers of pure white, slightly shaded at times with faint blush-pink. The plants are unusually strong and bloom continuously. The very fragrant flowers come on long, straight stems splendid for cutting. 34 petals.

Mrs. E. P. Thom. \$1.50 ea.; 3 for \$4.25; \$15.50 doz. The long-pointed buds develop into large, well-shaped, fragrant blooms of bright canary-yellow which holds well during heat. The very hardy plants have dark, healthy foliage and bloom freely. 43 petals.

Peace. \$2.35 ea.; 3 for \$6.75; \$25.75 doz. All-America Rose Selection, 1946. The large, ovoid buds are deep yellow, soon showing a cerise-pink picotee edging on the petals. As the flower slowly develops the color changes through canary-yellow, pale gold, cream, ivory and alabaster-white and the edging passes through cerise, rose and apple-blossom-pink. The huge, mildly fragrant blooms are produced singly in endless succession on strong, straight stems. The hardy, vigorous plants have shining holly-like foliage. 45 petals.

Poinsettia. \$1.50 ea.; 3 for \$4.25; \$15.50 doz. This is the most dazzling of all Roses. The buds, long and pointed, open to large, semi-double, beautifully formed, poinsettia-scarlet flowers. The brilliant, scented blooms are freely produced throughout the season on fairly tall, healthy, vigorous plants. 28 petals.



Here's one of our Potted Roses. Slit down side of pot with a knife, discard pot and set the soil ball firmly in your garden bed. The plant will grow on without stopping, you'll gain lots of time and have no loss or setback.

Above 3, \$1.50 ea.; 3 for \$4.25

President Hoover. \$1.50 ea.; 3 for \$4.25; \$15.50 doz. Large, very fragrant, beautifully formed flowers in a charming combination of cerise-pink, flame, scarlet and yellow, with broad, thick petals. The tall, vigorous, clear-foliaged plants produce the blooms singly on extra long stems excellent for cutting. 25 petals.

President Macia. \$1.50 ea.; 3 for \$4.25; \$15.50 doz. Extremely long, pointed, clear pink buds veined slightly darker. These open to large, fragrant, two-toned flowers. The inside of the petals is pale flesh-pink, the outside is rich pink. 25 petals.

Soeur Therese. \$1.50 ea.; 3 for \$4.25; \$15.50 doz. The long-pointed, chrome-yellow buds, marked with carmine, open to large, cupped, semi-double, daffodil-yellow flowers of Sweetbrier fragrance in candelabras of 5 or more above upright, 3-foot canes. 25 petals.

Sterling. \$1.60 ea.; 3 for \$4.50; \$16.75 doz. Winner of the Hubbard Medal. Magnificent flame-pink buds and flowers of superb form and fragrance. The plants are of strong, upright growth and bloom freely in summer as well as fall. 35 petals.

Will Rogers. \$1.60 ea.; 3 for \$4.50; \$16.75 doz. A very early-flowering, black velvety crimson-maroon Rose of intense fragrance, which holds its color until the petals fall. The strong, vigorous plants retain their dark green foliage throughout the season. The double blooms last well when cut. 65 petals.

Floribunda Roses in Pots

These are bush Roses producing clusters of blooms without interruption from early summer until late frosts. They are easy to grow and very hardy. Ideal in shrub borders for color after shrub bloom is over, for mass plantings, among perennials, even for colorful hedges. Plant 18 inches apart; prune lightly to desired height.

Baby Chateau. \$1.50 ea.; 3 for \$4.25
Semi-double flowers of deepest dark velvety red. Strong grower.

Betty Prior. \$1.50 ea.; 3 for \$4.25
Single, resembling the flowers of Red Dogwood in shape and color.

Else Poulsen. \$1.50 ea.; 3 for \$4.25
Semi-double, medium-sized, rose-pink flowers on erect plants.

Holstein. \$1.50 ea.; 3 for \$4.25
Large, single, deep red flowers with white eye. Very hardy.

Smiles. \$1.60 ea.; 3 for \$4.50
Coral-pink buds; semi-double, lively salmon-pink, scented Roses.

White Finch. \$1.50 ea.; 3 for \$4.25
Fine clusters of pure white, single flowers. Very free flowering.

Climbing Roses in Pots

These cover unsightly objects and screen undesirable views, serve as backgrounds for other flowers, and outline property lines. But best of all, they give a lift to your garden, adding variety with their height. Plant 6 feet apart and, after they finish blooming, prune out only the old worn-out wood and trim back the side shoots.

Paul's Scarlet Climber. Scarlet-red, semi-double, in clusters. Hardy.

Primrose. Large, double, primrose-yellow, in clusters. Vigorous plant.

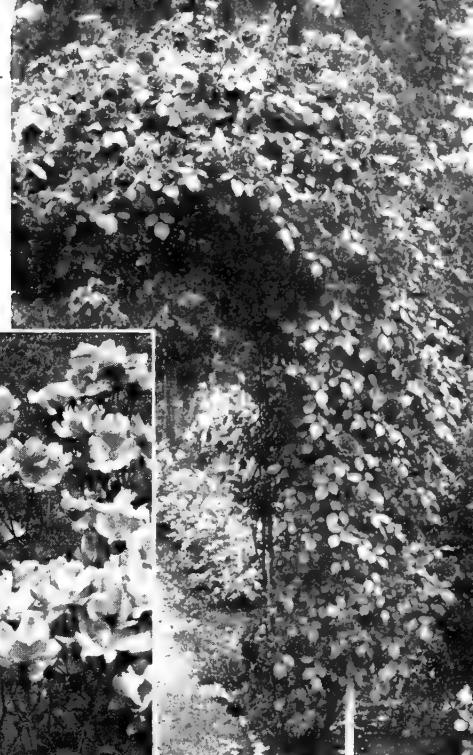
Silver Moon. Big, semi-double, pure white, cupped flowers.

Rose Dust. The new insect and disease control. See page 53.

Tri-ogen. The standard control for black spot, mildew, etc. See p. 53.

Rose Food. A properly balanced all organic food for roses. See page 56.

Paul's Scarlet Climber



Hybrid Tea Peace

FORBES HARDY VINES

For such a small outlay there are few plants that give so much in return as the Hardy Vines. A few, well placed, with their delightful charm will greatly enhance the beauty of your garden. They soften harsh lines, bring beauty to bare walls and welcome to doorways. For covering unsightly objects there is nothing better. All our vines are well-established, 2-year-old, No. 1 plants.

Ampelopsis quinquefolia. Virginia Creeper. A strong, vigorous, fast-growing vine with large attractive foliage that changes to scarlet-gold shades in the fall. It is very hardy and readily adapts itself to trellises, arbors and stone walls. 65c each; 3 for \$1.80.

Ampelopsis Veitchii. Boston Ivy. Very excellent for clinging to brick, masonry or even smooth walls. These hardy vines grow 20 to 30 feet in 2 or 3 years and have dense dark green foliage, which turns bronze-red in the fall. \$1 each; 3 for \$2.75.

Aristolochia Sipho. Dutchman's Pipe. The large, heart-shaped leaves provide a dense screen or quick shade for porches and pergolas. The curious brownish flowers are pipe-shaped. \$1 each; 3 for \$2.75.

Bignonia radicans. Trumpet Vine. This is perfectly hardy but delights in a sunny location. It grows tall, rapidly bearing clusters of large, bright orange-scarlet flowers through the summer. It will cling to both wood and masonry. 60c each; 3 for \$1.65.

Bignonia, Mme. Galen. Like the above, this likes sun and grows rapidly, but bears through summer clusters of rich, orange-tinted, apricot trumpet flowers, often 2½ inches across. These make a splendid contrast with the clean tropical foliage. 90c each; 3 for \$2.50.

Celastrus scandens. Bittersweet. A vigorous rampant plant that grows well in partial shade. It has large handsome light green foliage and, in May and June bears yellow flowers. In the fall the clusters of yellow, orange-capsuled fruit appear. 60c each; 3 for \$1.65.

Clematis paniculata. Virgin's Bower. This hardy vine, growing 15 feet in a season, adapts itself to all situations. It is insect proof and becomes a mass of fragrant, fleecy, white bloom, above the small dense foliage, from August to frost. 65c each; 3 for \$1.80.

Euonymus radicans vegetus. Evergreen Wintercreeper. Unexcelled in sun or shade for a hardy, evergreen wall cover or on large, old trees where it grows 25 feet high. Splendid for covering banks. It has thick, leathery, dark green leaves and bears bright orange berries in the fall. 55c each; 3 for \$1.50; \$5.50 per doz.; \$40 per 100.

Hedera Helix. English Ivy. A lovely vine, with its beautiful shiny leaves, for masonry walls. Unexcelled as a ground cover, even in the densest shade. For woody borders and graves. Fine for outdoor window boxes. 3-in. pots, 40c each; 3 for \$1; \$3.75 per doz.; \$27.50 per 100.

Hedera Helix gracilis. Baltica Ivy. Similar in growth to English Ivy but with foliage not as large and more deeply cut. It makes a very graceful cover for walls with north or west exposure and is splendid as a ground cover. It is very hardy. 3-in. pots, 40c each; 3 for \$1; \$3.75 per doz.; \$27.50 per 100.

Lonicera Halliana. Hall's Honeysuckle. Splendid for steep banks, dense screens, porches, trellises and fences in sun or part shade. Vigorous, with almost evergreen foliage and fragrant flowers, white turning to yellow, from early summer through September. 50c each; 3 for \$1.35; \$4.75 per doz.; \$35 per 100.

Lonicera sempervirens magnifica. Coral Honeysuckle. Magnificent bright coral-colored trumpet flowers of large size, continuing from early June to frost. The vines with blue-gray-green foliage do not grow as large as the other varieties. \$1.25 each; 3 for \$3.50

Lonicera, Goldflame. Huge, showy clusters of fragrant blooms, the outside of the petals of brilliant flame coral, inside of creamy gold, from May to frost. The foliage may be sheared to form a hedge. \$1.25 each; 3 for \$3.50.

Polygonum Auberti. Silver Lace Vine. Very hardy and grows 15 feet the first year. Has pest-free, shiny, bright green foliage covered in summer and fall with foamy sprays of white flowers. Likes full sun and an eastern or southern exposure in rich sandy soil. 90c each; 3 for \$2.50.

Wisteria sinensis. Chinese Wisteria. Long pendulous clusters of lavender-blue flowers in early summer. Likes a well-drained loam in full sun and lots of water when in bloom. Prune back hard. Fertilize in autumn after leaves have fallen. Grafted plants, 90c each; 3 for \$2.50.

Wisteria sinensis alba. White Chinese Wisteria. The white form of the above and it is delightfully fragrant. Grafted plants, 90c each; 3 for \$2.50.

Wisteria multijuga rosea. Pink Weeping Wisteria. Slender racemes, often 18 inches long, of smaller flowers produced freely on vigorous vines. \$1 each; 3 for \$2.75.

Large-flowered Clematis

Outstanding in color and form, these vines add charm to any garden. When grown on trellises against house, porch or garage they help tie in the building with the garden. Supported on wires, they are effective on walls and they change an unsightly stump or fence into a thing of beauty.

Culture. Best in partial shade, but if in full sun, shade the base with small plants and peat moss. Prepare soil 2 feet deep with sand and rotted manure and some lime. Set plants with collar 3 inches below soil level. Water amply during drought. Don't prune until well established; then in early spring prune back old wood to 3 feet. Mulch each fall with leaves, peat or rotted manure; in spring mix into soil.

Henryi. The growth is vigorous, climbing to 8 feet high, but it is outstanding for the quality of the flowers rather than the quantity. They are cream-white, often 8 inches across, and come all summer. \$1.35 each; 3 for \$3.75.

Jackmani. Rapid and vigorous in growth, often 10 feet high, it is covered with large, velvety violet-purple flowers through summer and fall. They last well as cut-flowers. Jackmani makes a striking effect against a white wall or trellis. \$1.35 each; 3 for \$3.75

Lawsoniana. Fine for a garden feature. Strong vine growth, 6 to 8 feet high, and a long blooming season, June to September. The large flowers have overlapping petals of bright blue flushed with mauve. \$1.35 each; 3 for \$3.75.

Mme. Edouard Andre. Magnificent, spectacular flowers, often 6 inches across, of bright velvety red with a purplish suffusion. The showy plants attain a height of 6 to 8 feet and bloom from June to September. \$1.35 each; 3 for \$3.75.

Ramona. A strong grower and profuse bloomer from July to September reaching a height of 8 feet. The single pale blue flowers, with rounded petals and darker anthers, completely cover the vine. \$1.35 each; 3 for \$3.75.

All the Hardy Vines are well established in 5, 6, or 7-inch pots and may be set out in your garden without any danger of loss.

FORBES HARDY PERENNIAL PLANTS (IN POTS)

The Perennial Plants we offer are of unusually large size, in large pots, with ample soil for strong root development. They are plants produced to succeed in your garden rather than for a conveniently small size for shipping. When you see them in the sales beds at our sales garden on Route 10, Hanover, N. J., you will instantly recognize their superior quality.

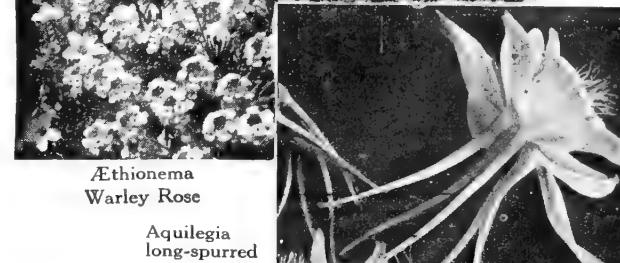
We lift the plants, in pots, and place them in your car. Within the hour you can remove the pots and set the plants out in your garden to continue their growth unchecked. Besides this, our large plants provide earlier, fuller bloom the first season, without loss.

For equal cost our plants are far superior. Come and make your own selection and take them with you, or send in your order and we will deliver within our delivery area. See page 56.

In column Sun Needed ○ means full sun, ⊖ half shade-half sun, ● full shade	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
ACHILLEA (Milkfoil or Yarrow)										
Millefolium roseum	Rose-pink	1½ ft.	July-Sept.	○	1D	12	Border; cutting	\$0.45	\$1.20	\$4.25
Ptarmica, Boule de Neige	White; double	1½-2 ft.	June-Sept.	○	1D	12	Border; cutting	.45	1.20	4.25
Tomentosa	Bright yellow	8 in.	June-July	○	1D	12	Edges; rockery	.45	1.20	4.25
ACONITUM (Monkshood)										
Fischeri	Dark blue	2 ft	Sept.-Oct.	○ ⊖	4	15	Border specimen	.50	1.35	4.75
Napellus, Sparks' Variety	Dark blue	4½ ft.	July-Aug.	○ ⊖	4	15	Border, woods	.50	1.35	4.75
ÆTHIONEMA (Persian Candytuft)										
Warley Rose	Rose	9 in.	June-July	○	3G	12	Edges; rockery	.65	1.80	6.50
AGROSTEMMA (Mullein Pink)										
Coronaria (Rose Campion)	Rosy crimson	2-2½ ft.	June-Aug.	○	1D	18	Borders	.45	1.20	4.25
ALYSSUM										
Saxatile citrinum	Lemon-yellow	9-12 in.	April-May	○	2; 4	8	Edges; rockery	.45	1.20	4.25
Saxatile compactum	Golden yellow	9-12 in.	April-May	○	2; 4	8	Carpeting	.45	1.20	4.25
Saxatile, Double	Golden yellow	9-12 in.	April-May	○	2; 4	8	Rock walls	.45	1.20	4.25
ANCHUSA (Alkanet or Bugloss)										
Dropmore	Gentian-blue	4 ft.	June on	○	2	18	Borders	.45	1.20	4.25
Feltham Pride	Bright blue	2-3 ft.	June on	○	2	18	Border; massing	.45	1.20	4.25
Myosotidiflora	Myosotis-blue	1-1½ ft.	May	○ ⊖	2	15	Border; rockery	.45	1.20	4.25
ANEMONE (Windflower)										
Hupehensis	Mauve-rose	2-3 ft.	Aug.-Oct.	○ ⊖	4HS	15	Border; cutting	.55	1.50	5.50
Japonica, Alice	Rose-pink	2-3 ft.	Sept.	○ ⊖	4HS	12	Border; cutting	.55	1.50	5.50
Japonica, Double Rose	Rose	2-3 ft.	Sept.	○ ⊖	4HS	12	Border; cutting	.55	1.50	5.50
Japonica, Marie Manchard	Double; white	2-3 ft.	Sept.	○ ⊖	4HS	12	Border; cutting	.55	1.50	5.50
Japonica, Queen Charlotte	Purple-rose	2-3 ft.	Sept.	○ ⊖	4HS	12	Border; cutting	.55	1.50	5.50
Japonica, September Charm	Silvery pink	2 ft.	Sept.	○ ⊖	4HS	12	Border; cutting	.55	1.50	5.50
Japonica, White	Single; white	2-3 ft.	Sept.	○ ⊖	4HS	12	Border; cutting	.55	1.50	5.50
Pulsatilla (Pasque Flower)	Rose-lilac	10-12 in.	April-May	○	3G	12	Border; rockery	.45	1.20	4.25
ANTHEMIS (Yellow Marguerite)										
Moonlight (Chamomile)	Pale yellow	2½ ft.	June-Oct.	○	2D; 4D	18	Border; cutting	.45	1.20	4.25
Tinctoria	Clear yellow	2½ ft.	June-Oct.	○	2D; 4D	18	Border; cutting	.45	1.20	4.25
AQUILEGIA (Columbine)										
Long-spurred, Blue Shades	Various blues	2½ ft.	May-June	○ ⊖	2K; 4K	18	Border; cutting	.50	1.35	4.75
Long-spurred, Crimson Star	Crimson & white	2½ ft.	May-June	○ ⊖	2K; 4K	18	Border; cutting	.50	1.35	4.75
Long-spurred, Chrysanthia	Golden yellow	2½ ft.	May-July	○ ⊖	2K; 4K	18	Border; cutting	.50	1.35	4.75
Long-spurred, Orange-Scarlet	Shades of these	2½ ft.	May-June	○ ⊖	2K; 4K	18	Border; cutting	.50	1.35	4.75
Long-spurred, Rose Queen	Rose shades	2½ ft.	May-June	○ ⊖	2K; 4K	18	Border; cutting	.50	1.35	4.75
Long-spurred, Snow Queen	Pure white	2½ ft.	May-June	○ ⊖	2K; 4K	18	Border; cutting	.50	1.35	4.75
Flabellata nana alba	Ivory-white	8-10 in.	May-June	○ ⊖	2K; 4K	12	Border; rockery	.50	1.35	4.75
Flabellata coerulea	Deep blue	10-12 in.	May-June	○ ⊖	2K; 4K	12	Border; rockery	.50	1.35	4.75
ARABIS (Rock Cress)										
Alpina, nana compacta	Pure white	6 in.	April-May	○ ⊖	2	12	Cutting; edges	.45	1.20	4.25
Alpina, Snowcap	Pure white	6 in.	April-May	○ ⊖	2	12	Rock walls	.45	1.20	4.25
Alpina, Spring Charm	Rosy red	6 in.	April-May	○ ⊖	2	12	Border; rockery	.45	1.20	4.25
ARENARIA (Sandwort)										
Narica	Silvery white	6 in.	May-June	○	3	12	Rockery; wall	.45	1.20	4.25
Verna cæspitosa	Tiny, white	1-2 in.	May	○ ⊖	3	6	Rockery; walks	.40	1.00	3.50
ARMERIA (Thrift)										
Cæspitosa	Light pink	4 in.	April-May	○	2; 4	8	Edges; rockery	.45	1.20	4.25
Large-flowered Hybrids	White, rose, pink	1½-2 ft.	June-Oct.	○	2; 4	12	Border; cutting	.45	1.20	4.25
Lauchiana	Rosy red	6-8 in.	April-June	○	2; 4	8	Edges; rockery	.45	1.20	4.25
ARTEMISIA (Ghost Plant)										
Silver King	Silver mist	2½-3 ft.	April-Oct.	○	1; 2	12	Contrast plant	.45	1.20	4.25
ASCLEPIAS (Butterfly Weed)										
Tuberosa	Red-orange	1½-2 ft.	July-Aug.	○	5H	15	Border; cutting	.45	1.20	4.25



Æthionema
Warley Rose



Aquilegia
long-spurred

Explanation of Column Type Soil Preferred

- 1 = Poor sandy or clay soil
- 2 = Deep (10 in.) light loam
- 3 = Sandy loam + leaf mould
- 4 = Deep (10 in.) medium loam
- 5 = Heavy loam or clay loam

A = Acid or sour

C = Crushed limestone

D = Dry or ordinary

G = Gravel or rubble

H = Humus or peat

K = Lime or alkaline

L = Leaf mould

M = Manure, fertilizer

P = Poor, no manure

S = Sandy or gritty

W = Moist or wet



Aster
frikarti

See page 48

Anemone
japonica



Chrysanthemum
Maximum Alaska



Campanula carpatica



Astilbe (Spiraea)

Explanation of Column Type Soil Preferred

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Campanula gorganica



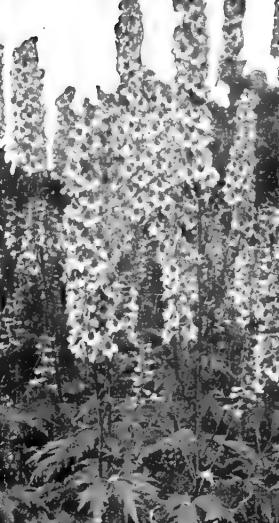
In column Sun Needed O means full sun, @ half shade-half sun, ● full shade	Color	Height	Time of Bloom	Sun Needed	Type soil preferred	Inches Apart	Uses	Each	3 for	Doz.
ASPERULA										
Odorata (Sweet Woodruff)	White	6-8 in.	May	●	2H; 4H	8	Ground-cover	\$0.45	\$1.20	\$4.25
ASTER (Michaelmas Daisy)										
Beechwood Challenger	Crimson-red	2½-3 ft.	Sept.-Oct.	O ●	4	24	Border; cutting	.50	1.35	4.75
Blue Plume	Deep blue	3-3½ ft.	Sept.-Oct.	O ●	4	24	Border; cutting	.50	1.35	4.75
Harrington's Pink	Rose-pink	3-4 ft.	Sept.-Oct.	O ●	4	24	Border; cutting	.50	1.35	4.75
Mt. Everest	Pure white	3-4 ft.	Sept.-Oct.	O ●	4	24	Border; cutting	.50	1.35	4.75
ASTER Species (Starwort)										
Alpinus, Goliath	Blue-purple	8 in.	May-June	O ●	4	12	Edges; rockery	.45	1.20	4.25
Frikartii, Wonder of Staefa	Lavender-blue	2-3 ft.	June-Nov.	O ●	4	18	Border; cutting	.55	1.50	5.50
ASTILBE (Spiraea)										
Fanal	Crimson	2 ft.	June	O ●	5HW	18	Border; masses	.75	2.00	7.50
Gertrude Brix	Cerise-red	2-2½ ft.	June	O ●	5HW	18	Border; masses	.75	2.00	7.50
Peachblossom	Peach-pink	2-2½ ft.	June	O ●	5HW	18	Border; masses	.75	2.00	7.50
White Gloria	White	2-2½ ft.	June	O ●	5HW	18	Border; masses	.75	2.00	7.50
AUBRIETA (Rainbow Rock Cress)										
Deltoidea, Eyrei	Rosy lilac	4 in.	April-May	O ●	2; 4C	8	Carpet; edges	.45	1.20	4.25
Monarch Mixture	Pink to purple	6 in.	April-May	O ●	2; 4C	6	Wall; rockery	.45	1.20	4.25
Whitewell Gem	Dark purple	6 in.	April-May	O ●	2; 4C	6	Wall; rockery	.45	1.20	4.25
BUDDLEIA (Butterfly Bush)										
Fascinating	Soft pink	4 ft.	July-Oct.	O	4	48	Accent; cutting	.95	2.70	10.00
Flaming Violet	Imperial purple	4 ft.	July-Oct.	O	4	48	Accent; cutting	.95	2.70	10.00
Fortune	Pure lilac	4 ft.	July-Oct.	O	4	48	Accent; cutting	.95	2.70	10.00
White Cloud	Pure white	4 ft.	July-Oct.	O	4	48	Accent; cutting	.95	2.70	10.00
CAMPANULA (Cup-and-Saucer)										
Calycanthema, Dark Blue, Light Blue, Pink and White	Specify color wanted	2½-3 ft.	June	O ●	4;5	18	Border; cutting	.45	1.20	4.25
CAMPANULA (Bellflower)										
Carpatica, Blue Carpet	Violet-blue	6 in.	June-Oct.	O	4; 5	9	Edges; rockery	.50	1.35	4.75
Carpatica, Blue (Harebell)	Lavender-blue	8 in.	June-Oct.	O	4; 5	9	Edges; rockery	.45	1.20	4.25
Carpatica, White	White	8 in.	June-Oct.	O	4; 5	9	Edges; rockery	.45	1.20	4.25
Garganica. Trailing; white-eyed	Pale blue-violet	3-6 in.	June	O ●	4HC	8	Rock wall; step	.55	1.50	5.50
Latifolia macrantha	Lilac & purple	3-4 ft.	June-July	O ●	4; 5	18	Cutting; masses	.45	1.20	4.25
Muralis	Purplish blue	4 in.	June	O ●	4HC	8	Rockery; wall	.55	1.50	5.50
Persicifolia, Blue (Peachbell)	Lavender-blue	2½-3 ft.	June-July	O ●	4; 5	18	Border; cutting	.45	1.20	4.25
Persicifolia, Wedgwood	Violet-blue	3 ft.	June-July	O ●	4; 5	18	Border; cutting	.45	1.20	4.25
Persicifolia, White	White	2-2½ ft.	June-Aug.	O ●	4; 5	18	Border; cutting	.45	1.20	4.25
Rotundifolia (Scotch Bluebell)	Light blue	1 ft.	June-Aug.	O ●	4HC	8	Rockery; slopes	.45	1.20	4.25
Rotundifolia, Purple Gem	Blue-purple	1 ft.	June-Aug.	O ●	4HC	8	Rockery; slopes	.50	1.35	4.75
CARNATION, Hardy Border										
Crimson King	Dazzling crimson	20 in.	June-July	O	4K	12	Border; cutting	.50	1.35	4.75
Golden Sun	Golden yellow	20 in.	June-July	O	4K	12	Border; cutting	.45	1.20	4.25
King of the Blacks	Black-red	20 in.	June-July	O	4K	12	Border; cutting	.45	1.20	4.25
Lucia	Salmon-scarlet	15 in.	July-Aug.	O	4K	12	Border; cutting	.55	1.50	5.50
Rose Queen	Rose-pink	20 in.	June-July	O	4K	12	Border; cutting	.45	1.20	4.25
Scarlet King	Scarlet	20 in.	June-July	O	4K	12	Border; cutting	.45	1.20	4.25
White Gold	Pale yellow	20 in.	June-July	O	4K	12	Border; cutting	.45	1.20	4.25
White Queen	White	20 in.	June-July	O	4K	12	Border; cutting	.45	1.20	4.25
Dwarf Double Red Grenadin	Scarlet	15 in.	June	O	4K	12	Border; rockery	.45	1.20	4.25
Dwarf Vienna, Double Mixed	Various colors	14 in.	June	O	4K	12	Border; cutting	.45	1.20	4.25
CARYOPTERIS (Bluebeard)										
Mastacanthus, Blue Mist	Powder-blue	1½-2 ft.	Aug.-Oct.	O	2	24	Borders	.85	2.40	9.00
CENTAUREA (Cornflower)										
Dealbata	Deep pink	2 ft.	June-Aug.	O ●	1; 2; 4	15	Border; cutting	.45	1.20	4.25
CERASTIUM (Snow-in-Summer)										
Tomentosum	White	6-8 in.	May-June	O	1	12	Edges; rockery	.45	1.20	4.25
CHEIRANTHUS (Wallflower)										
Allioni (Siberian Wallflower)	Fiery orange	1-1½ ft.	May-June	O	2	12	Border; rockery	.45	1.20	4.25
CHELONE (Turtle-Head)										
Lyonii	Purple-red	2 ft.	July-Aug.	O ●	4M	15	Border; cutting	.45	1.20	4.25
CHIVES	Purple	8 in.	May-June	O	2; 4	8	Herb garden	.45	1.20	4.25
CHRYSANTHEMUM, See page 41										
CHRYSANTHEMUM (Shasta Daisy)										
Maximum, Alaska	Single; white	2-2½ ft.	June-Sept.	O	4K	18	Border; cutting	.45	1.20	4.25
Maximum, Chiffon	Frilled; white	2 ft.	June-Sept.	O	4K	12	Border; cutting	.55	1.50	5.50
Maximum, Double Shasta	Double; white	2-2½ ft.	June-Sept.	O	4K	15	Border; cutting	.60	1.65	6.00
CIMICIFUGA (Snakeroot)										
Racemosa simplex	White	2½ ft.	Sept.-Oct.	O ●	4HM	15	Border; cutting	1.25	3.50	13.00
COREOPSIS (Tickseed)										
Double Sunburst	Golden Yellow	2-2½ ft.	June-Sept.	O	1, 2, 4 D	12	Border; cutting	.45	1.20	4.25
DAPHNE (Garland Flower)										
Cneorum. 5 to 7-in. diam.	Rose-pink	10-12 in.	April-May	O ●	3GK	36	Edges; rockery	1.25	3.50	13.50

In column Sun Needed O means full sun, @ half shade-half sun, ● full shade

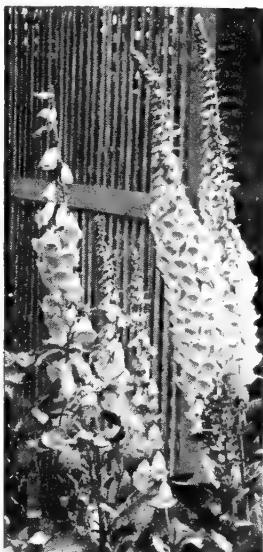
	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
DELphinium (Perennial Larkspur)										
Belladonna, Cliveden Beauty	Turquoise-blue	4 ft.	June & Sept.	O @	4SMK	12	Border; cutting	\$0.55	\$1.50	\$5.50
Bellamossom	Dark blue	4 ft.	June & Sept.	O @	4SMK	12	Border; cutting	.55	1.50	5.50
Blackmore & Langdon's Hybrids	Blue to pink	5-6 ft.	June & Sept.	O @	4SMK	18	Border; cutting	.55	1.50	5.50
Chinense, Dwarf Blue, White	Specify which	2 ft.	July-Aug.	O @	4SMK	12	Border; cutting	.45	1.20	4.25
Pacific Giant, Black Knight	Dark blue	5-7 ft.	June & Sept.	O @	4SMK	18	Border; cutting	.70	1.95	7.00
Pacific Giant, Camelopard	Lavender	5-7 ft.	June & Sept.	O @	4SMK	18	Border; cutting	.70	1.95	7.00
Pacific Giant, Galahad	White	5-7 ft.	June & Sept.	O @	4SMK	18	Border; cutting	.70	1.95	7.00
Pacific Giant, King Arthur	Violet	5-7 ft.	June & Sept.	O @	4SMK	18	Border; cutting	.70	1.95	7.00
Pacific Giant, Summer Skies	Light blue	5-7 ft.	June & Sept.	O @	4SMK	18	Border; cutting	.70	1.95	7.00
Wrexham Hybrids	Blue to violet	6 ft.	June & Sept.	O @	4SMK	18	Border; cutting	.55	1.50	5.50
DIANTHUS barbatus (Sweet William)										
Dark Crimson, Purple, Salmon, Scarlet and White	Specify which wanted	1½ ft.	May-June	O	2K	12	Border; cutting	.45	1.20	4.25
Dwarf Double, Mixed	Double; various	8 in.	May-June	O	2K	10	Border; rockery	.40	1.00	3.50
DIANTHUS (Garden Pink)										
Bobby	Pink, crimson center	8 in.	June-Sept.	O	2K	10	Edges; rockery	.45	1.20	4.25
Bristol Purity	Double, white	1 ft.	May-June	O	2K	12	Border; cutting	.45	1.20	4.25
Little Joe	Crimson	6 in.	June-Sept.	O	2K	10	Edges; rockery	.45	1.20	4.25
Meg. Gardner	White; red eye	15 in.	June-July	O	2K	12	Border; cutting	.45	1.20	4.25
Old Spice	Dbl. salmon-pink	12-15 in.	May-Sept.	O	2K	15	Border; rockery	.65	1.80	6.50
Plumarius, Double Scoticus	Various	12-15 in.	May-June	O	2K	12	Border; rockery	.45	1.20	4.25
Plumarius, Double Spring Beauty	Various	12 in.	May-June	O	2K	10	Border; cutting	.45	1.20	4.25
Plumarius, Dwarf Double Mixed	Various	9-12 in.	May-Sept.	O	2K	10	Edges; rockery	.45	1.20	4.25
Tiny Rubies	Rose-pink	5 in.	June-July	O	2K	10	Edges; rockery	.45	1.20	4.25
DICENTRA										
Cucullaria, Dutchmans Breeches	White; yellow tip	4-8 in.	April-May	O @	2LM	12	Border; rockery	.55	1.50	5.50
Eximia (Fringed Bleeding Heart)	Deep pink	1-1½ ft.	May-Oct.	O @ @	2LM	12	Border; rockery	.55	1.50	5.50
Spectabilis (Bleeding-Heart)	Pink	2-2½ ft.	May-June	O @	2LM	24	Border specimen	.85	2.40	9.00
DICTAMNUS (Gas Plant)										
Fraxinella, Rose or White	Specify which	2 ft.	May-June	O	4;5	12	Border specimen	.60	1.65	6.00
DIGITALIS gloxiniae-flora (Fox-Purple, Rose and White)	Specify which	3-4 ft.	June-July	O @	2; 4	15	Border; massing	.45	1.20	4.25
DODECATHEON (Am. Cowslip)										
Meadia (Shooting Star)	White	8-10 in.	May-June	O @ ●	3A	6	Rockery; woods	.45	1.20	4.25
DORONICUM (Leopardbane)										
Clusi	Yellow	12-15 in.	April-May	O @	2; 4	12	Border; rockery	.55	1.50	5.50
Mme. Mason	Yellow	1½ ft.	April-May	O @	2; 4	12	Border; cutting	.55	1.50	5.50
ECHINOPS (Globe Thistle)										
Ritro	Steel-blue	2-3 ft.	July-Aug.	O @	2; 4	15	Border; dried	.45	1.20	4.25
EPIGAEA										
Repens (Trailing Arbutus)	Pale pink	4 in.	April-May	O @ ●	3HW	15	Rockery; woods	.60	1.65	6.00
EPIMEDIUM (Barrenwort)										
Macranthum niveum	White	9-12 in.	May-June	O @ @	2 or 4H	6	Edges; rockery	.45	1.20	4.25
Macranthum rubrum	Rosy red	9-12 in.	May-June	O @ @	2 or 4H	6	Carpet; woods	.45	1.20	4.25
ERYNGIUM (Sea Holly)										
Amethystinum	Dk. metallic blue	2 ft.	July-Aug.	O	2; 4	15	Border specimen	.45	1.20	4.25
EUPATORIUM (Hardy Ageratum)										
Celestium	Purple-blue	12-14 in.	Aug.-Oct.	O @ @ ●	4; 5	18	Border; cutting	.45	1.20	4.25
EUPHORBIA (Spurge)										
Corollata	White	2 ft.	June-Aug.	O	1D	15	Border; cutting	.45	1.20	4.25
Polychroma (epithymoides)	Yellow	1-1½ ft.	May-June	O	1D	24	Border; rockery	.50	1.35	4.75
GAILLARDIA (Blanket Flower)										
Burgundy	Wine-red	2-2½ ft.	June-Oct.	O	2	18	Border; cutting	.45	1.20	4.25
Goblin	Yellow & red	15 in.	June-Oct.	O	2	12	Border; cutting	.45	1.20	4.25
Portola Hybrids	Reds & yellow	2½ ft.	June-Oct.	O	2	12	Border; cutting	.45	1.20	4.25
GAULTHERIA (Wintergreen)										
Procumbens	Pink & white	3-6 in.	July	O @ ●	3H	10	Carpet; rockery	.45	1.20	4.25
GERANIUM (Cranesbill)										
Lancastriense (sanguineum)	Salmon-pink	6 in.	June-Aug.	O @	4	10	Edges; rockery	.70	1.95	7.00
GEUM (Avens)										
Fire Opal	Orange-scarlet	2 ft.	May-Oct.	O	2 or 4HM	12	Border; rockery	.55	1.50	5.50
Lady Stratheden	Golden yellow	2 ft.	May-Oct.	O	2 or 4HM	12	Border; rockery	.45	1.20	4.25
Mrs. Bradshaw	Orange-red	2 ft.	May-Oct.	O	2 or 4HM	12	Border; rockery	.45	1.20	4.25
Princess Julian	Orange-yellow	2 ft.	June-Oct.	O	2 or 4HM	12	Border; rockery	.55	1.50	5.50
Wilton Ruby	Ruby-orange	1½ ft.	June-Sept.	O	2 or 4HM	12	Border; rockery	.55	1.50	5.50
GYPSOPHILA (Baby's Breath)										
Bristol Fairy	Double; white	2-3 ft.	June-Sept.	O	2K; 4K	36	Cutting; masses	.75	2.00	7.50
Rosy Veil	Double; pink	1½ ft.	May-Sept.	O	2K; 4K	18	Cutting; masses	.55	1.50	5.50



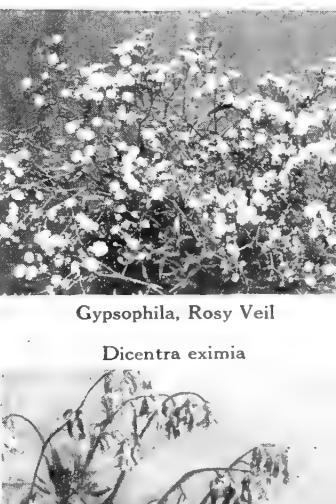
Dictamnus fraxinella



Delphinium,
Wrexham Hybrids



Digitalis (Foxglove)



Gypsophila, Rosy Veil
Dicentra eximia



Hemerocallis (Day-Lilies)
See p. 50





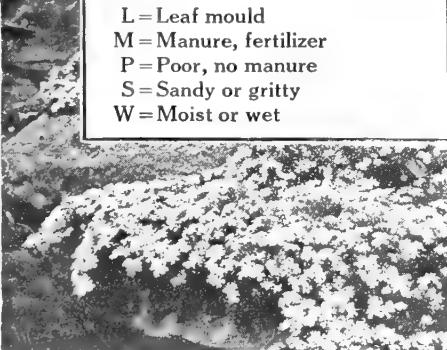
Linum perenne

Mertensia virginica



Nierembergia rivularis

Liatris scariosa



Phlox divaricata canadensis. See p. 51



Phlox subulata. See p. 51

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In column Sun Needed	O means full sun, \odot half shade-half sun, \bullet full shade	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
HELENIUM (Helen's Flower)	Peregrina.	Copper-red	turning to bronze	3 ft.	July-Aug.	O	2D; 4D	15	Border; cutting	\$0.60	\$1.65 \$6.00
HELLEBORUS	Niger (Christmas Rose)	White	8 in.	Dec.-Feb.	\odot \bullet	2HMW	12	Border; woods	1.25	3.45	12.50
HEMEROCALLIS (Day-Lily)	Dr. Regel	Orange-yellow	2 ft.	May-June	O \odot	2; 4; 5	15	Border; cutting	.45	1.20	4.25
	Flava	Clear yellow	2 $\frac{1}{2}$ -3 ft.	May-June	O \odot	2; 4; 5	15	Border; cutting	.45	1.20	4.25
	Hyperion	Citron-yellow	3 $\frac{1}{2}$ ft.	July-Aug.	O \odot	2; 4; 5	18	Border; cutting	.65	1.80	6.50
	J. A. Crawford	Apricot-yellow	4 ft.	June-July	O \odot	2; 4; 5	18	Border; cutting	.50	1.35	4.75
	Mikado	Deep orange	2 $\frac{1}{2}$ ft.	June-July	O \odot	2; 4; 5	15	Border; cutting	.50	1.35	4.75
HEUCHERA (Coral Bells)	Pluie de Feu (Rain of Fire)	Coral-red	1-1 $\frac{1}{2}$ ft.	June-July	O \odot	2S	12	Border; rockery	.50	1.35	4.75
Rosamundi		Coral-pink	1-1 $\frac{1}{2}$ ft.	June-July	O \odot	2S	12	Border; rockery	.50	1.35	4.75
Sanguinea		Ruby red	1-1 $\frac{1}{2}$ ft.	June-Sept.	O \odot	2S	12	Border; rockery	.50	1.35	4.75
HIBISCUS (Mallow)	Red, Pink and White (Red eye)	Specify color	4-5 ft.	Aug.-Sept.	O \odot	2; 3W	18	Border; masses	.45	1.20	4.25
HOLLYHOCK (Althea rosea)	Double; Maroon, Red, Rose	Specify which color wanted	5-8 ft.	July-Aug.	O	4HMS	18	Backgrounds	.45	1.20	4.25
	Salmon and Pale Yellow										
IBERIS (Candytuft)	Little Gem	Pure white	4 in.	June	O \odot	2; 4; 5	8	Edges; rockery	.50	1.35	4.75
	Sempervirens	Pure white	6-8 in.	May-June	O \odot	2; 4; 5	12	Edges; rockery	.45	1.20	4.25
	Snowflake	Pure white	10 in.	May-June	O \odot	2; 4; 5	12	Edges; rockery	.50	1.35	4.75
INCARVILLEA (Trumpet Flower)	Delavayi	Rose-pink	1 $\frac{1}{2}$ ft.	June-July	O	2SM	15	Border; cutting	.65	1.80	6.50
LAVANDULA (True Lavender)	Vera	Lavender-blue	1 ft.	July-Aug.	O	2S	12	Herb garden	.45	1.20	4.25
LIATRIS (Gayfeather)	Scariosa, September Glory	Lavender-purple	5 ft.	Aug.-Sept.	O \odot	2D; 4D	18	Cutting; masses	.45	1.20	4.25
	Scariosa, White Spire	Pure white	5 ft.	Aug.-Sept.	O \odot	2D; 4D	18	Cutting; masses	.45	1.20	4.25
	Spicata	Lavender-purple	2 $\frac{1}{2}$ ft.	Sept.-Oct.	O \odot \bullet	2W; 4W	12	Border; cutting	.45	1.20	4.25
LILIUM	Candidum (Madonna Lily)	Pure white	4 ft.	June-July	O \odot	2, 4HMS	12	Border; masses	.75	2.10	7.80
	Regale (Regal Lily)	White and pink	4-6 ft.	July	O \odot	2HMS	15	Border; cutting	.80	2.25	8.40
	Speciosum rubrum	Ruby carmine	3-4 ft.	Aug.-Sept.	O \odot	2HMS	12	Border; cutting	1.25	3.60	13.75
	Tenuifolium (Coral Lily)	Deep scarlet	1 $\frac{1}{2}$ -2 ft.	June	O \odot	2HMS	6	Border; rockery	.45	1.20	4.25
	Umbellatum atrosanguineum	Dark red	2 ft.	June-July	O \odot	2HMS	12	Border; cutting	.75	2.10	7.80
	Umbellatum grandiflorum	Orange-red	2 ft.	June-July	O \odot	2HMS	12	Border; cutting	.75	2.10	7.80
	Umbellatum, Orange Triumph	Brilliant orange	2 $\frac{1}{2}$ ft.	June-July	O \odot	2HMS	12	Border accent	1.00	2.85	10.75
LINUM (Flax)	Perenne, Blue	Pale azure-blue	15-18 in.	May-Sept.	O \odot	2; 4	12	Masses; rockery	.45	1.20	4.25
LOBELIA	Cardinalis (Cardinal Flower)	Fiery cardinal	2-2 $\frac{1}{2}$ ft.	July-Aug.	\odot \bullet	4HSW	15	Border; woods	.45	1.20	4.25
LUPINUS (Lupine)	Russell	Various	2 $\frac{1}{2}$ -3 ft.	June-July	O	2A; 4A	15	Border; cutting	.55	1.50	5.50
LYCHNIS (Campion)	Arkwrighti Hybrids	Orange,	2 $\frac{1}{2}$ ft.	May	O	2; 4	12	Border; masses	.45	1.20	4.25
	Chalcedonica	scarlet, pink	3 ft.	June-Aug.	O	2; 4	18	Border accent	.45	1.20	4.25
	Viscaria, Double	Vivid scarlet	14 in.	June	O	2; 4	12	Border; rockery	.45	1.20	4.25
MERTENSIA (Bluebell)	Virginica (Virginia Cowslip)	Blue to pink	1 ft.	April-May	\odot \bullet	2HM	12	Woodland	.45	1.20	4.25
MITCHELLA (Partridge Berry)	Repens	Pink & white	3-6 in.	May-June	\odot \bullet	3H	10	Carpet; rockery	.45	1.20	4.25
MONARDA (Bee-balm; Bergamot)	Didyma, Cambridge Scarlet	Crimson-scarlet	2 $\frac{1}{2}$ -3 ft.	June-Aug.	O \odot	2; 4	18	Border; masses	.45	1.20	4.25
	Didyma, Salmon Queen	Salmon-pink	2 $\frac{1}{2}$ -3 ft.	June-Aug.	O \odot	2; 4	18	Naturalizing	.45	1.20	4.25
MYOSOTIS (Forget-me-not)	Palustris	Pale blue	10 in.	May-June	\odot	2; 4HW	6	Edges; woods	.45	1.20	4.25
NEPETA (Catmint)	Mussini	Blue-lavender	12-15 in.	June-Aug.	O	1; 2; 4	15	Edges; rockery	.45	1.20	4.25
NIEREMBERGIA (Cup Flower)	Rivularis	Creamy white	4-5 in.	June-Sept.	O \odot	3W	10	Carpet; rockery	.50	1.35	4.75
ŒNOTHERA (Evening Primrose)	Youngi	Lemon-yellow	2 ft.	June-Aug.	O	2D; 4D	18	Masses; cutting	.45	1.20	4.25
PACHYSANDRA (Japan Spurge)	Terminalis 100 plants for \$18.00	Glossy green	6-8 in.	All year	O \odot \bullet	2; 4	12	Carpets; slopes	\$5.00	for 25	
PENTSTEMON (Beard Tongue)	Garnet	Garnet-red	15-18 in.	June-Oct.	O	2; 4	12	Rockery; cutting	.50	1.35	4.75
PEPPERMINT (Mentha piperita)	Green leaves	Green leaves	2-3 ft.		O \odot	2W; 4W	12	Flavoring	.45	1.20	4.25

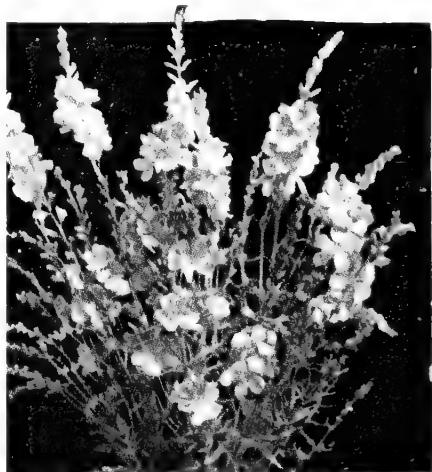
In column Sun Needed ○ means full sun, ⊖ half shade-half sun, ● full shade	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
PHLOX subulata (Moss Pink) Carmine-red, Blue, Rose, & White	Specify color	6 in.	April-May	○	2SGD	15	Carpet; rockery	\$0.45	\$1.20	\$4.25
PHLOX, VARIOUS Per 100										
Divaricata canadensis \$30	Lavender-blue	10 in.	April-May	○ ⊖ ●	4	12	Carpet; rockery	.50	1.35	4.75
Setacea, Camla. \$30	Pure pink	8 in.	May-June	○	4	15	Edging; rockery	.50	1.35	4.75
PHLOX decussata (Hardy Summer Phlox)										
Augusta Intense brilliant cherry-red		2½ ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.60	1.65	6.00
B. Comte Brilliant amaranth-purple		3 ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.45	1.20	4.25
Charles Curtis Brilliant sunset red		2½-3 ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.60	1.65	6.00
Cheerfulness Salmon-orange, crimson eye		2½-3 ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.60	1.65	6.00
Columbia Cameo-pink, faint blue eye		2½-3 ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.60	1.65	6.00
Ethel Pritchard Soft lavender		2½-3 ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.45	1.20	4.25
Firebrand Bright orange-scarlet, dark eye		2½-3 ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.45	1.20	4.25
Jules Sandeau Brilliant watermelon-pink		2 ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.45	1.20	4.25
Leo Schlageter Vivid scarlet, orange sheen		3 ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.45	1.20	4.25
Mary Louise Glistening pure snow-white		2-2½ ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.45	1.20	4.25
Miss Lingard Pure white (<i>Suffruticosa</i>)		2 ft.	June-Sept.	○ ⊖	4	10	Border; cutting	.45	1.20	4.25
Mrs. Harding Deep salmon-rose		2½ ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.45	1.20	4.25
Salmon Beauty Rich salmon-pink, white eye		2-2½ ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.45	1.20	4.25
Silverton Pale lavender-blue, deeper eye		2-2½ ft.	July-Sept.	○ ⊖	4	10	Border; cutting	.45	1.20	4.25
PHYSOSTEGIA (False Dragonhead)										
Virginica, Vivid Mauve-pink		1½ ft.	Aug.-Sept.	○ ⊖	2; 4	12	Border; cutting	.45	1.20	4.25
Virginica, White White		1½ ft.	Aug.-Sept.	○ ⊖	2; 4	12	Border; cutting	.45	1.20	4.25
PLATYCODON (Balloon Flower)										
Grandiflora, Blue Violet-blue		1½ ft.	July-Oct.	○	2S; 4S	15	Border; rockery	.45	1.20	4.25
Grandiflora, Shell Pink Pale pink		1½ ft.	July-Oct.	○	2S; 4S	15	Border; rockery	.55	1.50	5.50
Mariesii, Mariesii, White Violet-blue		1 ft.	July-Oct.	○	2S; 4S	15	Border; rockery	.45	1.20	4.25
Pure white		1 ft.	July-Oct.	○	2S; 4S	15	Border; rockery	.45	1.20	4.25
PLUMBAGO (Leadwort)										
Larpetæ Cobalt-blue		10-12 in.	July-Oct.	○ ⊖	1; 2; 4	18	Edges; rockery	.45	1.20	4.25
POLEMONIUM (Jacob's Ladder)										
Blue Pearl Baby blue		1 ft.	April-May	○ ⊖	4	12	Border; rockery	.55	1.50	5.50
Richardsoni <i>cæruleum</i> Sky-blue		1-1½ ft.	June-July	○ ⊖	4	12	Border; rockery	.45	1.20	4.25
Reptans Porcelain-blue		6-8 in.	April-May	○ ⊖ ●	4	12	Rockery; woods	.45	1.20	4.25
POLYANTHUS (Bunch Primrose)										
Monarch, Mixed Various		9 in.	April-May	○ ⊖ ●	4SHMW	8	Rockery; woods	.45	1.20	4.25
Munstead Giant Yellow shades		12 in.	April-May	○ ⊖ ●	4SHMW	8	Edges; rockery	.45	1.20	4.25
POPPY, Oriental										
Barr's White Satiny white		3 ft.	May-June	○	4	15	Border accent	.75	2.10	7.75
Beauty of Livermere Oxblood-red		3 ft.	May-June	○	4	15	Border accent	.65	1.80	6.50
Cavalier Deep scarlet-red		3 ft.	May-June	○	4	15	Border; cutting	.65	1.80	6.50
Crimson Pompon (Full double) Deep crimson		3 ft.	May-June	○	4	15	Novelty, show	.75	2.10	7.75
Curtis Giant Flame (Huge, new) Blazing red		4 ft.	May-June	○	4	18	Exhibition	.95	2.70	10.00
Curtis Salmon Pink Salmon-pink		3 ft.	May-June	○	4	15	Masses, cutting	.75	2.10	7.75
Helen Elizabeth LaFrance pink		3 ft.	May-June	○	4	15	Border accent	.65	1.80	6.50
Indian Chief Dark mahogany		3 ft.	May-June	○	4	15	Border accent	.95	2.70	10.00
Jeanne Mawson Geranium-pink		3 ft.	May-June	○	4	15	Masses; cutting	.65	1.80	6.50
Joyce Soft red		3 ft.	May-June	○	4	15	Border accent	.65	1.80	6.50
Mrs. Perry Orange-apricot		3 ft.	May-June	○	4	15	Border accent	.65	1.80	6.50
PRIMULA (Primrose)										
Auricula alpina Various		6-8 in.	April-May	○ ⊖	4SHMW	12	Rockery; woods	.55	1.50	5.50
Japonica Various		1½ ft.	June-July	○ ⊖	4SHMW	12	Border; rockery	.55	1.50	5.50
Vulgaris (English Primrose) Pale yellow		6-8 in.	April-May	○ ⊖	4SHMW	12	Rockery; woods	.55	1.50	5.50
PULMONARIA (Lungwort)										
Angustifolia azurea Sky-blue		1 ft.	April-May	○ ⊖	2W	10	Carpet; woods	.50	1.35	4.75
Saccharata, Mrs. Moon Salmon & blue		12-14 in.	April-May	○ ⊖	2W; 4W	10	Carpet; woods	.50	1.35	4.75
PYRETHRUM (Painted Daisy)										
Hybrids, Single Pink, red, white		2-2½ ft.	May-June	○	2; 4	12	Border; cutting	.45	1.20	4.25
Hybrids, Double and Single Pink, red, white		2-2½ ft.	May-June	○	2; 4	12	Border; cutting	.45	1.20	4.25
James Kelway. Single. Dark blood-red		2-2½ ft.	May-June	○	2; 4	12	Border; cutting	.45	1.20	4.25
ROSA (Alpine Rose)										
Oakington Ruby (Miniature) Red		8-10 in.	June-Oct.	○ ⊖	4	12	Edges; rockery	.75	2.10	7.75
Rouletti (Miniature) Rose-pink		6-8 in.	June-Oct.	○ ⊖	4	12	Edges; rockery	.75	2.10	7.75
RUDBECKIA (Coneflower)										
Purpurea Red-purple		3-4 ft.	July-Oct.	○ ⊖	1,2,or4D	15	Border; cutting	.45	1.20	4.25
The King Crimson-red		3 ft.	July-Sept.	○ ⊖	1,2,or4D	15	Border; cutting	.55	1.50	5.50
White Lustre Pure white stars		3 ft.	July-Sept.	○ ⊖	1,2,or4D	15	Border; cutting	.60	1.65	6.00
SAGE (Garden Sage)										
Pitcheri Purple	Gentian-blue	1½ ft.	Aug.	○	2; 4	12	Herb garden	.45	1.20	4.25



Sedum spectabile.
See page 52

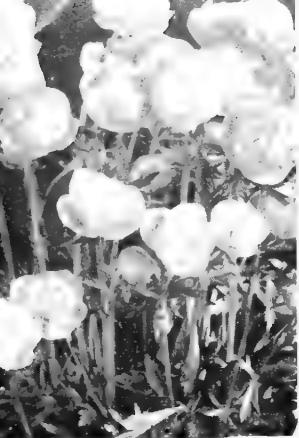


Primula vulgaris



Sidalcea,
Rosy Gem.
See page 52





Trollius, Europaeus

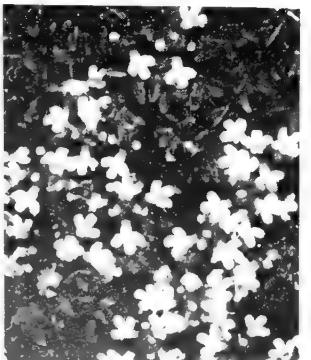
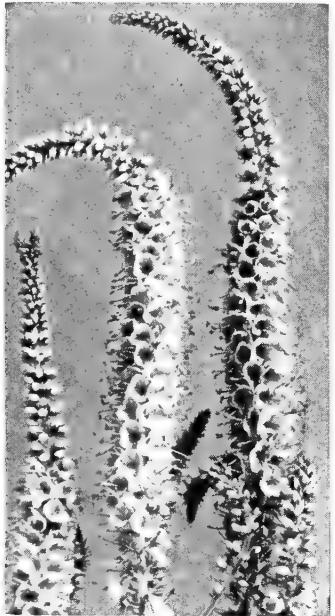


Yucca filamentosa



Statice latifolia

Veronica longifolia subsessilis



Thymus Serpyllum

Tiarella cordifolia

In Column Sun Needed ○ means full sun, Ⓛ half shade-half sun, Ⓜ full shade	Color	Height	Time of Bloom	Sun Needed	Type soil Preferred	Inches Apart	Uses	Each	3 for	Doz.
SANTOLINA (Lavender Cotton) Incana Viridis	Yellow buttons White	1-1½ ft. 1 ft.	June July	○ ○	2P; 4P 2 or 4DP	15 10	Edges; rockery Edges; rockery	\$0.45 .45	1.20 1.20	4.25 4.25
SAPONARIA (Soapwort) Ocyoides splendens	Rosy pink	6 in.	May-July	○	2; 4	10	Edges; rockery	.45	1.20	4.25
SAXIFRAGA (Rockfoil) Megasea cordifolia	Rose-pink	15-18 in.	April-May	○ Ⓛ	4C	10	Edges; rockery	.55	1.50	5.50
SCABIOSA (Pincushion Flower) Caucasica, Isaac House Hybrids Caucasica, White	Blue shades White	1½-2 ft. 1½-2 ft.	June-Sept. June-Sept.	○ ○	2; 4 2; 4	15 15	Border; cutting Border; cutting	.55 .55	1.50 1.50	5.50 5.50
SEDUM (Stonecrop) Acre minus Album muralis Glaucum Kamtschaticum Sieboldi Spectabile, Brilliant Spurium, Dragon's Blood	Bright yellow Tiny white Pinkish white Orange-yellow Pink; small Rose-crimson Carmine-red	2 in. 3-4 in. 2 in. 6-8 in. 6 in. 1½-2 ft. 6 in.	May May-June June-July June-July Aug.-Sept. Aug.-Sept. July-Sept.	○ ○ ○ ○ ○ ○ Ⓛ ○	2G; 4G 2G; 4G 2G; 4G 2G; 4G 2G; 4G 2G; 4GD 2G; 4GD	12 8 12 8 8 15 12	Carpet; rockery Edges; rockery Edges; rockery Walls; rockery Walls; rockery Borders Walls; rockery	.40 .40 .45 .45 .45 .50 .45	1.00 1.00 1.20 1.20 1.20 1.35 1.20	3.50 3.50 4.25 4.25 4.25 4.75 4.25
SEMPERVIVUM (Houseleek) Arachnoideum Tectorum	Cobweb rosette Light red	2 in. 1 ft.	June-July	○ ○	2SKD 2SKD	8 6	Walls; rockery Walls; rockery	.40 .40	1.00 1.00	3.50 3.50
SHORTIA Galacifolia	White	6 in.	April-May	○ Ⓛ	3HW	12	Carpet; rockery	.55	1.50	5.50
SIDALCEA (Greek Mallow) Malvaeflora, Rosy Gem	Bright rose	2½-3 ft.	June-July	○	2; 4	18	Border	.45	1.20	4.25
SILENE (Catchfly; Campion) Alpestris (Alpine Catchfly)	White	6 in.	May-June	○	2SD	8	Edges; rockery	.45	1.20	4.25
SPEARMINT (Mentha spicata)	Green leaves	2 ft.		○ Ⓛ	1; 2; 4	12	Herb garden	.45	1.20	4.25
SPIREA (Meadowsweet) Filipendula Double (Dropwort)	Cream-white	1½ ft.	June-July	○ Ⓛ	2; 4	12	Border; cutting	.50	1.35	4.75
STATICE (Sea Lavender) Latifolia	Purple-blue	1½-2 ft.	July-Aug.	○	3	24	Border; cutting	.45	1.20	4.25
STOKESIA (Cornflower Aster) Cyanea, Blue	Lavender-blue	1-1½ ft.	July-Sept.	○	2S; 4S	12	Border; cutting	.45	1.20	4.25
TARRAGON True French	Green leaves	2 ft.		○ Ⓛ	1; 2	12	Herb garden	.45	1.20	4.25
THALICTRUM (Meadow-Rue) Adiantifolium Aquilegifolium	White Rosy purple	2 ft. 2-3 ft.	June June-July	○ Ⓛ ○ Ⓛ	2HM 2HM	12 12	Border; cutting Border; cutting	.45 .45	1.20 1.20	4.25 4.25
THERMOPSIS (Carolina Lupine) Caroliniana	Yellow	2 ft.	June-July	○ Ⓛ Ⓜ	2; 4	12	Border	.45	1.20	4.25
THYMUS (Thyme) Lanuginosus (Woolly-leaved) Serpillum coccineum Serpillum, White Vulgaris (Common Thyme)	Rosy lilac Purple-red White carpet Lilac-purple	4 in. 3 in. 3 in. 8 in.	June-July June-July June-July May-June	○ ○ ○ ○	2SD; 3D 2SD; 3D 2SD; 3D 2SD; 3D	6 8 8 8	Carpet; rockery Carpet; rockery Edges; rockery Edges; herb	.45 .45 .45 .45	1.20 1.20 1.20 1.20	4.25 4.25 4.25 4.25
TIARELLA Cordifolia (Foam-Flower)	Cream-white	1 ft.	May	○ Ⓛ	2HW	12	Woods; masses	.45	1.20	4.25
TRILLIUM (Wake Robin) Grandiflorum	White to pink	12-15 in.	April-June	○ Ⓛ Ⓜ	3AHMW	12	Rockery; woods	.45	1.20	4.25
TRITOMA (Red-Hot Poker) Pfitzer's Hybrids Primrose Beauty	Red, orange Primrose-yellow	3 ft. 2½ ft. 3 ft.	Aug.-Oct. June-July June-July	○ ○ ○	2SD 2SD 2SD	12 12 12	Border; cutting Border; cutting Border; cutting	.45 .65 .65	1.20 1.80 1.80	4.25 6.50 6.50
TROLLIUS (Globe-Flower) Europaeus, Yellow Europaeus, Orange Globe	Light yellow Orange-yellow	2 ft. 2 ft.	May-Aug. May-Aug.	○ Ⓛ Ⓜ ○ Ⓛ Ⓜ	5SHMW 5SHMW	10 10	Pool margins Damp woods	.55 .55	1.50 1.50	5.50 5.50
TUNICA (Coat-Flower) Saxifraga	Bright pink	6 in.	June-Sept.	○	2SGD	8	Walls; rockery	.45	1.20	4.25
VERONICA (Speedwell) Amethystina, Royal Blue Longifolia subsessilis	Dk. gentian blue Purple-blue	10-15 in. 2 ft.	June-July July-Sept.	○ ○	4 4	12 18	Border; rockery Border; cutting	.45 .50	1.20 1.35	4.25 4.75
Rupestris nana Rupestris, Rose	Bright blue	2-3 in.	June	○ Ⓛ	2S	8	Carpet; rockery	.45	1.20	4.25
Spicata, Blue Spires	Mauve-pink	3-4 in.	June	○ Ⓛ	2S	8	Carpet; rockery	.45	1.20	4.25
VINCA (Myrtle; Periwinkle) Minor, Bowles \$25 per 100	Deep blue	2 ft.	June-July	○	4	15	Border; cutting	.45	1.20	4.25
VIOLET Royal Robe	Bright blue	6 in.	May-June	○ Ⓛ Ⓜ	2; 4	10	Carpet; graves	.45	1.20	4.25
YUCCA (Adam's Needle) Filamentosa	Single, violet Creamy white	6 in. 5 ft.	Apr.-May July-Aug.	○ Ⓛ Ⓜ	3HW	8 36	Woods; rockery Border accent	.45 .55	1.20 1.50	4.25 5.50

INSECT, DISEASE AND PEST REMEDIES

Directions on
each package

Ant Killer, Cyanogas. Use outdoors only. Pour powder through spout into ant hole and seal hole quickly. Forms deadly gas. 4 ozs. 40c.

Ant Jelly Bait, "Tat." Place a little wherever ants gather outdoors. Destroys colony. Tube 35c.

Ant-Trap, "Tat." Harmless to children and pets. Place traps 15 ft. apart. 25c each; \$2.75 doz.

ARSENATE OF LEAD. Kills Japanese beetle grubs in the soil. On new lawns apply 35 lbs. per 1000 sq. ft. and work to a 3-inch depth. On existing lawns, apply 5 lbs. per 1000 sq. ft. for light infestation and 15 lbs. per 1000 sq. ft. for bad infestation. Mix with 25 times its bulk of soil and spread evenly. Apply before June or July. For spraying all trees, shrubs against attacks of leaf-biting insects, use 1 lb. to 50 gals. of water. Lb. 50c; 4 lbs. \$1.40; 24 lbs. \$8; 48 lbs. \$15.50.

BLACK LEAF 40. For all sucking insects. Dilute 2 teaspoonfuls to 1 gal. of water, and spray. 1-oz. bottle 35 cts.; 5 ozs. \$1; lb. \$2.50; 5 lbs. \$7.40.

BORDEAUX MIXTURE. Controls Tomato Late Blight. A copper fungicide for mildew, blight, rust, scab, and fungous diseases. Use 1 lb. to 8 gals. of water, or if blight is serious, to 5 gals. Lb. 45c; 4 lbs. \$1.25; 24 lbs. \$5.50; 48 lbs. \$10.50.

Chinch-tox (10% activated Sabadilla). Kills 98% of chinch-bugs. Mow lawn closely and apply 12 lbs. per 1000 sq. ft. of lawn on a hot dry day in early June and again in early August to kill both broods. 5 lbs. \$2.25; 50 lbs. \$14.

Corn Ear Worm Drops. Apply to tip of ear after silk is browned for control of ear worms. 2 ozs. 35c.

Crow Repellent, Stanley's. Protects corn seed from crows, moles, etc. $\frac{1}{2}$ pt. (treats a bushel of seed) 60c; pt. \$1; qt. \$1.75.

Cutworm Killer, No-Pest (with D.D.T.) Circle seedlings before night, (treats 300 sq. ft.) 25c.

Cyanogas (A) Dust. Use outside in killing moles, rats, woodchucks, white grubs in lawns. Lb. 95c.

Cyanogas (G) Fumigant. Deadly gas destroys aphids, thrips, white fly in greenhouse. 5 lbs. \$3.75.

D.D.T. 5% and Aero-Mist Sprayer. Plus Pyrethrum. This double-action non-staining spray kills flies, mosquitoes and other household insects. On plants use Dapspray. Pt. bottle and Sprayer, \$2.25; refills pt. 75c; qt. \$1.35.

D.D.T. 5% Dust. To control thrip on Gladiolus dust plants every 10 days. Before storing over winter, dust bulbs and keep in a warm place for 3 weeks. Lb. 35c; 5 lbs. \$1.25.

D.D.T. 30%. For garden use. See column at right.

Dog-Skat. Hang on shrub or evergreen. Emits odor dogs dislike. Lasts a year. Tube 25c.

Earthworms. Kill with 5 lbs. Arsenate of Lead mixed with sand per 1000 sq. ft. watered in.

EVERGREEN. Effective against cutworms, cucumber beetles, cabbage worms, rose slugs, aphids, etc. Non-poisonous pyrethrum spray. Oz. 35c; 6 ozs. \$1.15; pt. \$2.45; qt. \$4.10.

Fish-Oil Soap. A summer spray for San Jose scale and soft-shelled insects. Lb. 40c; 5 lbs. \$1.60.

Fruit Spray. A new combination spray for both insect and disease control of all fruits, including grapes and stone fruits, after the dormant stage. Contains D.D.T., Parathion, Zerlate and Sulphur. Use 4 heaping tablespoons to a gallon water. Lb. \$1.50; 5 lbs. \$5.50.

Gladiolus Thrip. See D.D.T. 5% Dust in left column or Dapspray in right column.

Grafting Wax. Easy to use. $\frac{1}{2}$ lb. 45c; lb. 85c.

Japanese Beetle Control. See right-hand column. Leaf Hoppers spread Yellows. Use Dapspray.

LIME-SULPHUR, DRY. Convenient to handle, will not freeze. For dormant spray use 10 to 14 lbs.; for summer spray 2 to 3 lbs., to 50 gals. water. Lb. 40c; 5 lbs. \$1.60; 10 lbs. \$3.

Mole-Notes. Drop one to a hole opened at 6-foot intervals in mole-run. Close holes with soil, lightly. In three days flatten run. Box 35c.

Mosquito Repellent, Skeet-Check. An ointment repellent in handy tube. Oz. tube, 35c.

Mouse-Notes. Non-poisonous to dogs, etc. Box 25c.

Nico-Fume Powder Pressure Fumigator. Destroys aphids in greenhouses. $\frac{1}{2}$ lb. 60c; doz. \$6.50. Lb. 95c; doz. \$9.50.

Para Dichlorobenzene. Best for peach-borer. If you cover it with soil surrounding the tree, it emits a heavy gas which descends throughout the root growth; destroys borers. Lb. 60c; 5 lbs. \$2.50.

Poison Ivy. Destroy with Ammate Weed Killer or Weedout 2-4-D. See right-hand column.

Protexall. One-shot spray. See right-hand column

Rat-Notes. Non-poisonous, squill bait. Box 25c

Rat-Tu. Contains 25% Antu. Kills rats. Very effective. Just sprinkle in runways. 2 ozs. 60c.

RED ARROW GARDEN SPRAY. Will not stain or injure tender flowers. A contact rotenone-pyrethrum-soap spray that kills sucking and chewing insects. Oz. 35c; 4 ozs. \$1; pt. \$2.85; qt. \$5.50.

Rose Dust. New formula. See right-hand column

ROTELONE DUST 1%. Non-poisonous. Effective against bean beetles and other chewing and sucking insects. Against chich bugs in lawns use 25 lbs. per 1000 sq. ft. Lb. 40c; 5 lbs. \$1.50; 10 lbs. \$2.75; 25 lbs. \$5.75; 50 lbs. \$10.75; 100 lbs. \$21.

Scalecide. For San Jose scale mix 1 gal. to 20 gals of water. Use in late fall, winter or early spring, when foliage is off. Qt. 85c; gal. \$2; 5 gals. \$7.35.

Semesan. Disinfectant for vegetable and flower seeds. 2 ozs. 45c; 12 ozs. \$2.10.

Slug-Shot. For dusting potato bugs, beetles, slugs, cabbage worms, etc. Lb. 40c; 5 lbs. \$1.70.

Spergon. A disinfectant which prevents seed decay, improves the stand and grows healthier crops of limas, peas and corn. Oz. (treats 25-35 lbs. seed) 25c; 5 ozs. \$1; lb. \$2.40.

Sulphur, Powdered. Controls mildew. Use as a dust. Lb. 25c; 5 lbs. 75c; 10 lbs. \$1.25.

Sulphur, Wettable. For black-spot and mildew as a spray. Combines readily with Arsenate of Lead, Nicotine, Rotenone and Pyrethrum sprays. Lb. 25c; 4 lbs. 75c; 24 lbs. \$3.50.

Tobacco Dust (Fine). For fumigating, dusting and ground insects. Lb. 25c; 5 lbs. 85c; 25 lbs. \$2.25; 50 lbs. \$3.50; 100-lb. bag \$6.

Tree Band Paste. Sticky compound which protects tree from creeping insects. One lb. makes 10 linear feet of band. Lb. 80c; 5 lbs. \$3.50.

TRI-OCEN. (Contains Fermate) Controls black-spot, mildew and blight on roses, asters, carnations, chrysanthemums, dahlias, delphinium, hollyhocks, phlox, snapdragons and others.

Kit A. Enough for 18 roses for the season, \$1.50

Kit B. Enough for 60 roses for the season, \$4.00

NEW GARDEN AIDS

D.D.T. 30% Dapspray. Plus 1% Rotenone. Unexcelled for killing Flea Beetle and destroying Thrip on Gladiolus plants. Before planting, soak bulbs in 2 teaspoons Dapspray to a gal. of water. As D.D.T. destroys bees, it should not be used on cucumbers, melons, pumpkins, squash, and tomatoes or on any part of other vegetable plants to be used as food. Dapspray will control nearly all insects on roses, shrubs, shade trees and flowers. Very effective against greenhouse insects. 4 ozs. \$1; qt. \$4.50; gal. \$15.

PROTEXALL. Use this one-shot spray for most garden insects and diseases. From a post-war formula, this combines **D.D.T.**, which kills nearly all insects except some aphids, bean beetles and red spiders; **Rotenone**, the most effective pre-war, non-poisonous spray fatal to aphids, bean beetles and all insects unharmed by D.D.T.; **Fermate**, greatest post-war discovery in fungicides and harmless to all plants; and **Sulphur**, safest pre-war fungicide. Each ounce makes 3 gallons of spray. Oz. 40c; 4 ozs. \$1.25; lb. \$3.75.

Rose Dust. A new formula containing 5% D.D.T., wettable Sulphur, Fermate (new Fungicide for black spot, mildew and rust) and Parathion (Thiophos) (the recent discovery for red mite, aphis and red spider control). Use as dust or spray. Handy 10 oz. dustor 95c; 2 lbs. \$1.85.

Tomato Dust. Controls Tomato Late Blight. A combination of tribasic copper for all fungous diseases, and calcium arsenate which destroys many leaf-eating insects. A two purpose insecticide. Use as a dust or spray. 2 lbs. 70c; 5 lbs. \$1.60.

Weed Killers

Ammate Weed Killer. For permanent destruction of poison ivy and sumac. Spraying the foliage destroys both top growth and root system. It produces temporary soil sterility; this may be shortened by applying hydrated lime. Ammate is not "selective" and may kill all kinds of plants which it contacts. Use 1 lb. in gallon of water for 100 sq. ft. 2 lbs. 95c; 6 lbs. \$2.55; 50 lbs. \$12.

C-LECT Crab Grass Killer. Contains new PMAS (Phenyl mercuric acetate) and Bis (2-amino-ethyl) Borate. Apply with sprayer or sprinkling can, using 1 fluid ounce (8 teaspoonfuls) per gallon of water for first treatment and half this strength for second application 5 days later. Best results obtained one week after first 80°F. temperature. Can be used at any stage of growth. Kills crab grass without injuring desirable lawn grasses. 8 oz. (makes 8 or 16 gals.) 85c; 16 ozs. \$1.50; gal. (makes 128 or 256 gals.) \$9.75.

Herbicide Weed Killer. Kills weeds and vegetation of all kinds which it contacts. It is especially useful for keeping clay tennis courts, driveways, and gutters weed free. If thoroughly applied, it usually prevents growth for a year under normal conditions. Dilute with water, 1 quart making 10 gals. of liquid sufficient for 250 sq. ft., 1 gallon making 40 gals. sufficient for 1000 sq. ft., and sprinkle. Qt. 75c; gal. \$1.95; 5 gals. \$8.

WEEDOUT 2-4-D (Dichlorophenoxyacetic Acid). This new hormone weed killer kills poison ivy, ragweed, honeysuckle, morning-glory and similar weeds. It destroys the root as well as the top growth. It also selectively destroys dandelion, plantain, chickweed, bindweed, purslane and many other weeds in lawns without killing the lawn grass. Mix 4 teaspoonfuls in each gallon of water or 1 quart to 50 gallons. One gallon of this will treat 200 sq. ft. Harmless, will not sterilize the soil. $\frac{1}{2}$ pt. \$1; qt. \$3; gal. \$10.

Zotox. Kills crab-grass plants and seeds without destroying permanent lawn grasses. This treatment, when directions are carefully followed, may temporarily discolor the turf but after a few days it regains its natural color, while the crab-grass is dead. 16 ozs. with 10 gals. water treats 2000 sq. ft. Apply after July 15. 8 ozs. \$1; 16 ozs. \$1.50; 32 ozs. \$2.50.

For Japanese Beetle Control

Arsenate of Lead Treatment of Lawns. See full description in first column.

Beetle Traps. With jar, No. 1 70c; No. 4 \$1.35. Bait, 1 oz. 20c; 4 ozs. 50c.

Japellent. A non-poisonous rotenone insecticide and repellent that kills Japanese beetles on contact, and protects plants against injury. 3 ozs. (makes 4 gals.) 60c; 12 ozs. (makes 15 gals.) \$1.65.

In April—May, come to see our Displays of Tulips and Daffodils

At our Display Garden on Route 10, Hanover, N. J., each variety is stake-numbered as shown in the list below.

Giant Trumpet Daffodils

Quantity	Amount
1 Dawson City. Perianth and trumpet gold-yellow.	
2 Glory of Sassenheim. Yellow tr.; white per...	
3 Godolphin. Rich yellow trumpet and perianth...	
4 Golden Harvest. Huge, all deep golden yellow...	
5 Imperator. Big cream trumpet; ivory perianth.	
6 Mrs. E. H. Krelage. White perianth; cream tr.	
7 Rembrandt. Early all golden yellow, frilled...	
8 Robin Hood. Orange-yel. tr.; light yellow per..	
9 Sir Henry Deterding. Cream per.; deep yellow tr.	
10 Spring Glory. White per.; chrome-yellow tr...	
Any of above 6, Doz. \$2.35; \$17.50 per 100	
11 Beersheba. Pure white throughout. 3 for 95c; doz. \$3.65; \$28 per 100.	
12 Mrs. R. O. Backhouse. Famous "Pink Daffodil." Ivory perianth; pink-apricot trumpet. 3 for \$1.65; doz. \$6.25; \$50 per 100...	

Barri Narcissus

13 Baths Flame. Primrose; yellow cup edged orange	
14 Firetail. Cream-white per.; large orange cup...	
15 Lady Diana Manners. White with orange cup...	
16 Mrs. Barclay. Primrose with cup edged orange..	
Any of above 4, Doz. \$2; \$15 per 100	

Leedsi Narcissus

17 Daisy Schaeffer. White; cup primrose to canary. Doz. \$2.90; \$22 per 100...	
18 Expectation. White per.; lemon cup edged scarlet. Doz. \$2.25; \$17 per 100.	
19 Suda. Pure white perianth; pale amber-rose trumpet. 3 for 95c; doz. \$3.65; \$28 per 100....	
20 Tunis. White perianth; large ivory crown frilled pale coppery gold. Doz. \$2.90; \$22 per 100....	

Incomparabilis Narcissus

Quantity	Amount
21 Carlton. Large cup and perianth all soft yellow..	
22 Dick Wellband. White perianth and orange cup.	
23 Havelock. Deep yellow; large crown and perianth.	
24 John Evelyn. White per.; lemon-yellow frilled cup.	
25 Jupiter. Gold cup edged orange; canary perianth..	
26 Orange Glow. Orange cup; golden yellow per... Any of above 6, Doz. \$2; \$15 per 100	
27 Fortune. Lemon-gold p.; orange crown. 3 for 90c; doz. \$3.25; \$25 per 100.	
28 Scarlet Elegance. Red-orange cup; yellow per. Doz. \$2.65; \$20 per 100.	

Double Daffodils

29 Daphne. A pure snow-white, like a gardenia...	
30 Holland's Glory. Large, full-double, soft yellow...	
31 Inglescombe. A superb double of purest yellow..	
32 Insulinde. Cream-white centered orange-scarlet.. Any of above 4, Doz. \$2.35; \$17.50 per 100	
33 Cheerfulness. Clusters; creamy, gardenia-like fl. Doz. \$1.90; \$14 per 100. .	
34 Mary Copeland. Creamy gold-rayed petals; center lemon-orange. 3 for 95c; doz. \$3.65; \$28 per 100..	

Poetaz Narcissus

35 Geranium. In clusters; white p.; orange-red cup.	
36 Halvose. Primrose-orange perianth; red cup.	
37 L'Innocence. Clusters; white per.; orange cup...	
38 Scarlet Gem. Primrose per.; orange-scarlet cup. Any of above 4, Doz. \$2.15; \$16 per 100	

Poeticus Narcissus

39 Actaea. White perianth; orange cup margined red. Doz. \$1.90; \$14 per 100.	
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Jonquils

Quantity	Amount
40 Golden Sceptre. 14 in. Deep yellow; 3 in. across Doz. \$1.90; \$14 per 100.	

Tiny Daffodils

Quantity	Amount
41 Triandrus, Thalia. 12 in. White "Angels' Tears" Doz. \$2.65; \$20 per 100...	

Botanical Tulips

Quantity	Amount
42 Clusiana. 8 in. Outer cherry, inner cream. Doz. \$2; \$15 per 100.....	

Quantity	Amount
43 Eichleri. 12 in. Red-scarlet, gold edge. Doz. \$1.70; \$12 per 100.....	

Quantity	Amount
44 Fosteriana, Princeps. 12 in. May 5, scarlet. Doz. \$2.15; \$16 per 100	

Quantity	Amount
45 Foster. Red Emperor. April 15. Vermilion-red. Doz. \$2.15; \$16 per 100.	

Quantity	Amount
46 Kaufmanniana. 8 in. Cream; outside carmine. Doz. \$1.80; \$13 per 100. .	

Quantity	Amount
47 Marjoletti. 16 in. May. Cream; side-edged rose. Doz. \$1.90; \$14 per 100. .	

Quantity	Amount
48 Praestans Fusilier. 14 in. Apr. Orange-scarlet. Doz. \$2.15; \$16 per 100. .	

Quantity	Amount
49 Turkestanica. 10 in. Several to a stem; white. Doz. \$1.70; \$12 per 100. .	

Parrot Tulips

Quantity	Amount
101 Blue Parrot. 26 in. Violet shaded steel-blue. Doz. \$2.15; \$16 per 100.	

Quantity	Amount
102 Fantasy. 24 in. Rose; green markings. Doz. \$1.80; 25 for \$3.50; \$13 per 100.....	

Quantity	Amount
103 Orange Favorite. 24 in. Orange marked green. 3 for 95c; doz. \$3.65....	

Quantity	Amount
104 Sunshine. 22 in. Clear golden yellow. 3 for 95c; doz. \$3.65; \$28 per 100.	

Quantity	Amount
105 Therese. 28 in. Scarlet; with green markings. Doz. \$2.40; \$18 per 100. .	

★Minimum order, 1/2 dozen of a variety except on those varieties where 3 bulbs are specially priced.

Double Early Tulips

Quantity	Amount
106 Double de Neige. 12 in. Pure white flowers.....	

Quantity	Amount
107 Dante. 12 in. A bright blood-red color.....	

Quantity	Amount
108 Mr. van der Hoef. 12 in. Pure golden yellow...	

Quantity	Amount
109 Orange Nassau. 12 in. Bright orange scarlet....	

Quantity	Amount
110 Pink Pearl. 12 in. Very attractive peach-pink...	

Single Early Tulips

Quantity	Amount
111 Couleur Cardinal. 13 in. Bright crimson-scarlet...	

Quantity	Amount
112 General De Wet. 16 in. Gold-yellow-orange....	

Quantity	Amount
113 Golden Mascot. 13 in. Pure yellow.....	

Quantity	Amount
114 Great City. 14 in. Red edged gold-yellow.....	

Quantity	Amount
115 Pelican. 12 in. A nice pure white.....	

Quantity	Amount
116 Pink Beauty. 13 in. Pretty, vivid pink.....	

Quantity	Amount
117 Prince Carnaval. 16 in. Yellow blotched red....	

Quantity	Amount
118 Rose Beauty. 13 in. Rose tinged cherry.....	

Quantity	Amount
119 Sunburst. 12 in. Yellow and red, yellow edge.	

Quantity	Amount
120 Van der Neer. 12 in. A large deep violet.....	

Breeder Tulips

Quantity	Amount
121 Admiral Tromp. 28 in. Coppery carmine bronze.	

Quantity	Amount
122 Alice Keith. 26 in. Rose-bronze; chrome edge	

Quantity	Amount
123 Cardinal Manning. 32 in. Purple; orange edge..	

Quantity	Amount
124 Cherbourg. 32 in. Gold yellow, terra-cotta.....	

Quantity	Amount
125 Crusader. 28 in. Violet-bronze; bronze edge....	

Quantity	Amount
126 Dillenburg. 30 in. Salmon-orange; edge paler.	

Quantity	Amount
127 Dom Pedro. 24 in. Coffee-brown-maroon	

By ordering then, you save 15%. We deliver the Bulbs in October

At our Display Garden on Route 10, Hanover, N. J., each variety is stake-numbered as shown in the list below.

Cottage Tulips

Quantity	Amount
131 Advance.	30 in. Fiery orange-red.....
132 Argot.	27 in. Deep yellow maturing orange....
133 Barbara Pratt.	30 in. Cherry-pink flushed gold....
134 Belle Jaune.	28 in. Deep golden yellow.....
135 Blanca.	28 in. Enormous pure white flowers
136 Carrara.	24 in. Clean pure white
137 Columbus.	24 in. Gold-yellow blotched red....
138 Dido.	30 in. Jasper-red edged amber.....
139 Dosia.	32 in. Soft red bordered yellow.....
140 Golden Harvest.	28 in. Large lemon-yellow....
141 G. W. Leak.	28 in. Real vivid orange-red.....
142 Grenadier.	24 in. Bright orange-scarlet.....
143 Jeanne Desor.	28 in. Orange-yel.; penciled red
144 Marjorie Bowen.	28 in. Rose edged silver-apricot
145 Marshall Haig.	28 in. Bright vivid scarlet-red..
146 Mayflower.	28 in. Old-rose flushed scarlet.....
147 Mazeppa.	26 in. Brilliant, vivid red.....
148 Mongolia.	28 in. Huge globed chrome-yellow...
149 Mother's Day.	28 in. Cloudy pale sulphur....
150 Mottet Rose.	24 in. Carmine-rose; multiflower...
151 Mrs. John Scheepers.	30 in. Long, gold yellow
152 Northern Queen.	26 in. White edged rose-pink...
153 Ossi Oswalda.	26 in. Cream, edged rose.....
154 Rosabella.	27 in. Rose edged shell-pink.....
155 Wall Street.	28 in. Rich golden yellow.....
156 White City.	28 in. Large, pure white.....

All except those otherwise priced are: Doz. \$1.80; 25 for \$3.50; 13 per \$100.

★Minimum order, $\frac{1}{2}$ dozen of a variety except where 3 bulbs are priced.

Darwin Tulips

Quantity	Amount
157 Allard Pierson.	28 in. Deep crimson maroon...
158 Bleu Aimable.	25 in. Blue heliotrope.....
159 Charles Needham.	28 in. Intense vermillion-scarlet.
160 City of Haarlem.	30 in. Fiery cardinal.....
161 Cordell Hull.	24 in. Red feathered white....
162 Eclipse.	28 in. Brilliant deep crimson.....
163 Flag of War.	28 in. Bright scarlet.....
164 Gloria Swanson.	30 in. Raspberry-red-garnet...
165 Golden Age.	29 in. Buttercup flushed salmon
166 Helen Gahagan.	30 in. Sulphur-yellow.....
167 King George V.	28 in. Dazzling cherry-rose....
168 King Mauve.	28 in. Purple-mauve edged blue
169 Lady Hillingdon.	28 in. Geranium-pink, rose tinge
170 La Tulipe Noire.	28 in. Very dark maroon-black
171 Margaux.	30 in. Deep wine-red, paler edge....
172 Masterpiece.	28 in. Bright scarlet-red.....
173 Mme. Butterfly.	28 in. Violet purple, paler edge
174 Mme. Pompadour.	24 in. Attractive Rembrandt
175 Mount Erebus.	28 in. Huge, pure white.....
176 Mr. van Zyl.	27 in. Rose-pink, paler edge...
177 Mrs. Grullemans.	28 in. Big, glistening white..
178 New Orleans.	26 in., reddish violet.....
179 Niphatos.	29 in. Soft sulphur-yellow.....
180 Philip Snowden.	28 in. Carmine-rose.....
181 Pres. Truman.	26 in. Salmon-pink, paler edge.
182 Pride of Haarlem.	27 in. Deep carmine-rose...

Darwin Tulips cont'd

Quantity	Amount
183 Pride of Zwanenburg.	30 in. Salmon-rose.....
184 Princess Elizabeth.	28 in. Rose-pink.....
185 Queen of Hearts.	28 in. Lovely soft rose.....
186 Scarlet Leader.	28 in. Bright vermillion-scarlet.
187 Scotch Lassie.	26 in. Pure deep lavender.....
188 Sunkist.	26 in. Rich bright golden yellow....
189 The Bishop.	28 in. Violet-purple.....
190 The Peach.	27 in. Rose and peach-red.....
191 Tubergen's Glory.	30 in. Salmon-rosy red....
192 Turner.	27 in. Dark rosy carmine.....
193 Utopia.	24 in. Bright cardinal-red.....
194 Venus.	30 in. Deepest rose-pink.....
195 White Giant.	30 in. Giant, pure white.....
196 Yellow Giant.	28 in. Medium-yellow.....
197 Zwanenburg.	28 in. Pure white.....

6 New Darwin Tulips

Quantity	Amount
198 Demeter.	28 in. Rich reddish purple.....
199 Insurpassable.	28 in. Huge, brilliant lilac...
200 Princess Mary.	31 in. Rose-pink; paler edges..
201 Queen of the Night.	28 in. Purplish black....
202 Red Master.	28 in. A brilliant purplish red....
203 Red Pitt.	28 in. Intense bright red.....

Any of above 6, Doz. \$2;
25 for \$4; \$15 per 100

Peony-flowered Tulips

Quantity	Amount
204 Coxa.	22 in. Carmine-vermillion, edged white...
205 Eros.	20 in. Extra double, distinct old-rose.
206 Mt. Tacoma.	18 in. Big white attractive flowers.
207 Ottawa.	18 in. Bright clear golden yellow.....
208 Uncle Tom.	20 in. Large rich mahogany-red

Any of above 5, Doz. \$2;
25 for \$4; \$15 per 100

Lily-flowered Tulips

Quantity	Amount
209 Alanza.	22 in. Deep lavender-pink.....
210 Colorado.	22 in. Gold-yellow, red edge.....
211 Henry Deterding.	24 in. Glowing salmon-pink
212 Stanislaus.	20 in. Rich orange reflexed petals...
213 The Bride.	20 in. Pure white. Very beautiful...

Triumph Tulips

Quantity	Amount
214 Aviateur.	20 in. Crimson, edged cream.....
215 Bandoeng.	18 in. Mahogany; orange edge...
216 Crater.	18 in. Dark vermillion-red.....
217 Elizabeth Evers.	22 in. Rose penciled silver....
218 Johanna.	22 in. Cerise shaded rose.....
219 Lord Carnarvon.	24 in. Rose-pink edged white.
220 Red Giant.	20 in. Brilliant scarlet.....
221 Rynland.	20 in. Amaranth edged yellow....
222 Ursa Minor.	18 in. Deep golden yellow....
223 White House.	22 in. Pure white; outstanding

Special Offer of Giant-Flowering Crocus

Enchantress. Clear porcelain-blue
 Remembrance. Dark violet-blue.
 Snowstorm. Pure glistening white.
 Striped Beauty. Purple on white.
 Yellow Mammoth. Golden yellow.
 Mixed. All of the above colors.

Mammoth Bulbs, Doz. 60c; \$4 per 100; \$35 per 1000, delivered fall 1948

FORBES FERTILIZERS AND SOIL-BUILDERS

These prices are subject
to change without notice

The success of your garden depends upon the quality of the soil. All plants need ample plant-food. By ample is meant not only the quantity but also the availability. The soil must hold plant-food and moisture, yet be in such condition that the plant roots can absorb what is needed. It should be sufficiently rich in humus or decayed vegetation to absorb excess moisture and hold it for later use. It should have enough clay to give it some body and enough sand to make it porous and friable. But even with a perfect soil, plant-food must be added each year to replace that which is consumed.

Acid Super-Phosphate. Yields valuable Phosphoric Acid. To promote root growth in lawns apply 25 lbs. per 1000 sq. ft. and water in. Avoid use when hot. Fine for potatoes and other root crops. 5 lbs. 45c; 10 lbs. 80c; 25 lbs. \$1.25; 100 lbs. \$3.25; 500 lbs. \$14.

Adco. For making artificial manure by stacking straw, leaves and other vegetable waste, layer by layer, mixing it with Adco, and keeping it wet until well rotted. A 25-lb. bag with 12 wheelbarrow loads of garden waste, makes $\frac{1}{2}$ ton of manure. 7½ lbs. \$1.25; 25-lb. bag \$2.65; 150-lb. bag \$12.50.

Aluminum Sulphate. Use to acidify the soil for rhododendrons, azaleas, laurel and other sour-soil plants a pound per square yard and water thoroughly. 5 lbs. 60c; 10 lbs. \$1; 25 lbs. \$1.95; 100 lbs. \$4.95.

Bone-Meal. Because of its slow disintegrating and long-lasting qualities, this is desirable for fertilizing all hard-wooded plants, including roses, flowering shrubs, fruit bushes, and trees. A liberal application mixed into the soil before planting bulbs of tulips, hyacinths, etc., will result in remarkable size and brilliancy of flowers. For lawns it is a dependable fertilizer, as it contains the essentials that grass requires. May be broadcast either early spring or during the growing season. For this use 25 lbs. for every 1000 sq. ft. For trees and vines, use 2 to 4 lbs. each. For roses and pot-plants, use 1 part to about 50 parts of soil. For field and garden crops or new lawns, use 50 lbs. for every 1000 sq. ft. 5 lbs. 55c; 10 lbs. 95c; 25 lbs. \$2; 50 lbs. \$3.50; 100 lbs. \$5.95; 500 lbs. \$29; 1000 lbs. \$55.

Bovung. A dehydrated, pulverized cow-manure product free from weed seeds. Clean, odorless, easily applied. Apply 50 lbs. to 200 sq. ft. of new lawn, half that much to top-dress old lawns. 50 lbs. \$2.10; 100 lbs. \$4.10; 500 lbs. \$20.

FREE DELIVERY • Minimum Value \$2.

We deliver FREE, by our own trucks, within the suburban area of Newark, N.J. (viz. all of Essex and Union counties; Clifton, Little Falls, Passaic and Paterson in Passaic County; and Boonton, Chatham, Denville, Florham Park, Hanover, Madison, Mt. Lakes, Mt. Tabor, Morris Plains, Morristown, and Whippoorwill in Morris County) all merchandise offered.

We ship transportation FREE within 100 miles of Newark, N.J. (and outside the above suburban area), all merchandise offered herein except Plants, but at our option by Parcel Post or Express to your address or nearest Post or Express Office, or by Freight to your nearest Station.

We ship, transportation FREE to any point in the United States, only Vegetable Seed, Flower Seed and Lawn Grass Seed Mixtures offered in this catalog.

Cow-Manure. In dry pulverized form and easy to handle. This is an ideal soil-builder and mulch, particularly for perennial beds. It is fine for lawn, garden and greenhouse and excellent to mix with compost. When used for top-dressing it works down into the soil, leaving no waste. Use at same rates as for Sheep Manure. 25 lbs. \$1.60; 50 lbs. \$2.65; 100 lbs. \$4.50; 500 lbs. \$21; 1000 lbs. \$40.

Dironcone. This is the improved product, containing about $\frac{1}{4}$ cow and poultry manures in dehydrated form, and $\frac{1}{4}$ peat moss, finely ground and easy to apply. This complete all-organic fertilizer and soil-conditioner is free from weed seeds, insect infestation and trash of any kind. The peat moss prevents burning as it holds the plant-food and moisture until they are used up by the plant roots. Dironcone is ideal for top-dressing lawn or garden and for digging into the soil of flower and rose beds. 50 lbs. \$2.25; 100 lbs. \$4.40; 500 lbs. \$21.50; 1000 lbs. \$41; ton \$80.

Agrico Garden Fertilizer. Analysis 5-10-5

The best commercial fertilizer for your vegetable garden and small fruits. It is a well-balanced, complete fertilizer, containing all the food elements needed for quick growth, early maturity, and perfect development. For gardens broadcast 100 pounds per 1000 sq. ft. and rake in well or mix a little thoroughly through the soil in the bottom of the furrow before planting your seeds. Hoe into soil between the rows of plants, using 5 pounds to 100 feet; repeat this each month. 5 lbs. 45c; 10 lbs. 80c; 25 lbs. \$1.50; 50 lbs. \$2.25; 100 lbs. \$4; 500 lbs. \$18; 1000 lbs. \$34.

Hormodin Powder No. 1. For plant propagation. Produces better roots faster. Dip moistened stems of cuttings of house, garden and greenhouse plants in powder before placing in propagating bed. It stimulates the root growth. 1½-oz. size, 50c.

Hyper-Humus. This ideal soil-builder for lawn or garden is a pure organic material similar to leaf mold but of finer texture and is non-acid. Humus gives to soil that porous, crumbly condition essential to plant-growth; renders clay soils lighter in character and more aerated; binds together sandy soils; and increases the moisture-retaining quality of all soils. It is odorless, dry, and easily handled, and absolutely free from weed seeds. Fine for mixing with potting-soil. On new lawns apply 100 pounds per 60 square feet. In top-dressing old lawns, use 100 pounds per 100 square feet. In bags, 50 lbs. \$1.40; 100 lbs. \$2.15; 500 lbs. \$9.50; 1000 lbs. \$17; ton \$30. Special price on bulk delivered.

Lawn Fertilizer, Agrico. Analysis 6-10-4. Properly balanced for lawns, trees and shrubs. Top-dress 25 lbs. per 1000 sq. ft., when grass is dry, in early spring and again in the fall. On new lawns use 50 lbs. per 1000 sq. ft. raked in surface. 5 lbs. 45c; 10 lbs. 80c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; 500 lbs. \$20; 1000 lbs. \$38.

Lime, Hydrated Agricultural. Corrects acid conditions of the soil, binds loose soils and opens heavy land. It is very quick-acting but will not burn if scattered evenly when lawn is dormant. As an early spring or late fall dressing for lawns, broadcast 50 lbs. per 1000 sq. ft. one week before applying fertilizers. 10 lbs. 40c; 50 lbs. 85c; 100 lbs. \$1.50; 500 lbs. \$7; ton \$25.

Limestone, Pulverized. Is easier to apply than Hydrated. Does not "gun up" on wet soils, penetrates better and is less likely to burn. Use 70 lbs. per 1000 sq. ft. broadcast early spring and fall. 80-lb. bag 85c; 400 lbs. \$4; 800 lbs. \$7.50; ton \$18.

Nitrate of Soda. A quick plant-stimulant, high in nitrogen, inducing green growth. For corn, spinach, lettuce and other green vegetables side dress with 1 lb. per 100 ft. of row. Cultivate and water in. For lawns, use 5 lbs. per 1000 sq. ft., but first mix with four times its bulk of fine soil or sand. As a liquid use 1 oz. in 1 gal. of water. 5 lbs. 70c; 10 lbs. \$1.20; 25 lbs. \$2.20; 50 lbs. \$3.65; 100 lbs. \$6.50.

Peat Moss. Incorporated liberally into the soil, prevents baking and crusting, improves aeration, contributes to the formation of humus, lightens and makes the soil more friable, and acts as a reservoir for soil-moisture and all plant food. For mulching, it is used extensively both for summer moisture-retention and winter-protection around roses, evergreens, perennial beds and shrubbery. Trial size (about 15 lbs.) \$1.25. Large bale (18 x 20 x 39 in.; will cover 300 sq. ft. 1 inch deep) \$5.25, 5 at \$5.15. Handy bale (about 50 per cent of large bale) \$3.60, 5 at \$3.50.

No-Seed. A plant hormone spray that results in seedless tomatoes. If sprayed on all blossoms in a cluster, it results in more fruits setting and so a heavier yield. It prevents the first blooms from falling in cool weather, thus ripening earlier. It increases the fruit size. Just dilute and spray on the newly opened flower buds. 4 ozs. 60c; 8 ozs. (makes 1 gal. of spray) \$1.

Rose Food. A properly balanced, all-organic food for roses. It is not a stimulant but really nourishes the entire plant, adding vigor and resistance to disease and insect injury. It produces more and finer roses with better color and stronger stems. Use $\frac{1}{4}$ pound per rose per application. Apply 3 times per season. 5 lbs. \$1; 25 lbs. \$3; 50 lbs. \$5; 100 lbs. \$8.50.

Sheep - Manure. Has all the essential plant-food elements of stable manure without the bulk, and weed seeds. For vegetables, rake in 200 lbs. per 1000 sq. ft. Broadcast 100 lbs. per 1000 sq. ft. over the old lawn or rake into the top-soil a day or two before seeding a new one. For liquid manure, use one pound to five gallons of water. 5 lbs. 45c; 10 lbs. 80c; 25 lbs. \$1.60; 50 lbs. \$2.65; 100 lbs. \$4.50; 500 lbs. \$21; 1000 lbs. \$40.

Sulphate of Ammonia. Fast plant-stimulant tending to make soil acid. Increases leaf-growth. When top-dressing lawns apply 1 lb. to every 150 sq. ft., but first mix with several times its bulk of soil or sand. Between vegetable rows scatter 3 lbs. to 100 feet and hoe in. As a liquid use 1 oz. in a gal. of water. 5 lbs. 70c; 10 lbs. \$1.20; 25 lbs. \$2.20; 50 lbs. \$3.65; 100 lbs. \$6.50.

Soil Testing Sets

These Sudbury sets quickly tell what your soil needs and how to correct it.
Home Gardener's Set. Complete \$2.50
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House-Plant Food

PlanTabs. A concentrated fertilizer. Easy to use; clean and odorless, inexpensive and work like magic. 30 tablets 25c; 75 tablets 50c; 200 tablets \$1; 1000 tablets \$3.50.

Fertilizer Spreaders

This handy all-metal cart-spreader has many uses—fertilizing, seeding, top-dressing, and salting or sanding icy sidewalks. Avoids waste and spreads evenly. Flow easily regulated. Positive agitator prevents clogging. 16 in. wide (holds 22 lbs. fertilizer) \$5.95
20-in. wide (holds 40 lbs. fertilizer) 9.95
30-in. wide (holds 80 lbs. fertilizer) 16.75

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USE THESE CHARTS IN PLANTING YOUR 1948 VEGETABLE GARDEN

Rather than buy seed collections, plan your garden to your family's tastes. We are ready to help. But start right with the best seeds. Since 1898 we have supplied thousands of tons of vegetable seeds to the nation's most progressive, commercial vegetable growers who use only the best.

Phone (MArket 2-3740) or mail us your order. We'll get it to you promptly. Only orders of \$2 or more sent C.O.D.

Start these Vegetables indoors, or buy our plants

	Seed for 25-ft. row	Depth to cover seed (in.)	Days from seed indoors to setting plants in garden	Set plants out in your garden			
				No. plants for 25-ft. row	No. feet between rows	Plants apart in rows (in.)	Days from setting plants to table size
Broccoli	Pkt.	1/4	35	Apr. 1 to July 15	18	2 1/2	18 60
Brussels Sprouts	Pkt.	1/4	35	April and July	18	2 1/2	24 85
Cabbage, Early	Pkt.	1/4	35	Apr. 15 to June 1	18	2 1/2	18 66-75
Cabbage, Late	Pkt.	1/4	35	June 15 to July 15	12	3	24 88-100
Cauliflower, Early	Pkt.	1/4	35	Apr. 15-30	18	2 1/2	18 50-60
Cauliflower, Late	Pkt.	1/4	35	June 15 to July 1	12	3	24 55-60
Celery and Celeriac	Pkt.	1/4	55	May 1 to July 15	48	2 1/2	6 85-140
Eggplant	Pkt.	1/4	55	June 1-15	12	2 1/2	24 80
Kohlrabi	Pkt.	1/4	35	Apr. 1 to June 10	36	1 1/2	8 25
Lettuce, Head	Pkt.	1/4	30	Apr. 1 to May 15	30	1 1/2	10 40-50
Parsley	Pkt.	1/4	45	Apr. 1 to July 1	96	1	3 30
Peppers	Pkt.	1/4	50	May 15 to June 15	18	2	18 64-82
Tomatoes, Early	Pkt.	1/4	45	May 15 to June 15	8	3	36 69-75
Tomatoes, Late	Pkt.	1/4	45	May 15 to June 15	8	3	36 85-90

Sow these Vegetable Seeds right in your Garden

	Number of sowings	Days between sowings	Sow Seed Outdoors		Seed for 25-ft. row	No. feet between rows	Depth to cover seed (in.)	Plants apart in row (in.)	Ready to pick (days)
			● Means Seed for 50-ft. row	● Means Seed for 50-ft. row					
Beans, Dwarf	*	14	May 1 to Aug. 1	1/2lb.	2	2	3	48-54	
Beans, Pole†§	1	—	May 15 to June 15	Pkt.	3 1/2	2	36	65	
Beans, Bush Lima	2	14	May 20 to June 10	• 1/2lb.	2 1/2	1	10	66-75	
Beans, Pole Lima†§	1	—	May 20 to June 10	Pkt.	3 1/2	1	36	88-92	
Beets	*	14	Apr. 1 to July 15	• Oz.	1	1	3	58-63	
Cabbage, Chinese	1	—	July 1 to Aug. 1	Pkt.	2	1/2	8	65-75	
Carrots	5	21	Apr. 1 to July 15	1/4oz.	1	1/2	3	66-77	
Collards	1	—	May and Aug.	Pkt.	3	1/2	2	75	
Corn Salad	2	—	May and Sept.	Oz.	2	1/2	6	45	
Corn, Sweet	3	14	May 15 to July 15	Pkt.	2 1/2	1	10	68-92	
Cucumbers	1	—	May 15 to June 15	Pkt.	4	1/2	8	55-72	
Endive	2	75	Apr. 10; June 1 to July 15	Pkt.	1 1/2	1/2	12	90	
Kale	2	60	Apr. 15 to July 15	Pkt.	2 1/2	1/2	18	60	
Kohlrabi	2	95	Apr., May; July	Pkt.	1 1/2	1/2	8	55	
Leeks	1	—	Apr. 1 to May 10	1/4oz.	1 1/2	1/2	4	150	
Lettuce, Loose-Leaf	4	14	Mar. 15-Apr. 15; July 10	Pkt.	1 1/2	1/4	6	40-45	
Lettuce, Head	4	14	Mar. 15-Apr. 15; July 10	Pkt.	1 1/2	1/4	10	70-83	
Muskmelon†	1	—	May 20 to June 1	Pkt.	5	1/2	60	85-90	
Mustard	*	14	Apr. 1 to Aug. 1	• 1/2oz.	1	1/4	6	40	
Okra	1	—	May 20-30	1/2oz.	3	1	18	50-55	
Onions	1	—	Apr. 1 to May 20	1/4oz.	1	1/2	2	110	
Parsley	1	—	Apr. 15 to Aug. 1	Pkt.	1	1/4	3	72-90	
Parsnip	1	—	Apr. 1 to May 15	1/4oz.	1 1/2	1/2	4	100	
Peas†	4	14	Mar. 15 to May 10	1/2lb.	3	2	2	57-74	
Pumpkin§	1	—	May 15 to June 15	Pkt.	6	1	72	120	
Radish, Early	*	10	Mar.-June 1; Aug. 15 on	2 pkts.	1	1/2	1	23-30	
Radish, others	1	—	July 20 to Aug. 5	Pkt.	1	1/2	3	40-55	
Rutabaga	1	—	June 15 to July 15	Pkt.	1 1/2	1/2	6	90	
Salsify	1	—	Apr. 1 to May 15	• Oz.	1 1/2	1	3	150	
Spinach	*	10	Mar. 15-May 15; Aug.	• Oz.	1 1/2	1/2	6	40-45	
Spin., New Zealand	1	—	Apr. 1 to May 30	• Oz.	3	1	18	60	
Squash, Summer†	1	—	May 20 to June 1	Pkt.	3	1	36	50-65	
Squash, Winter†	1	—	May 20 to June 1	2 pkts.	6	1	72	80-110	
Swiss Chard	2	30	Apr. 1 to July 15	• Oz.	1 1/2	1	8	55-60	
Turnips	2	—	Apr. 15 to May 15; July	• Oz.	1	1/4	3	45-75	
Watermelon†	1	—	May 20 to June 10	Pkt.	6	1	60	85-90	

for

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